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ABSTRACT

The National Center for Education Statistics (NCES) sponsored the 1988-89 Teacher Followup Survey (TFS), conducted by the U.S. Bureau of the Census, to update data on teacher career patterns and plans. This survey is a follow-up of the 1987-88 Schools and Staffing Survey (SASS) teacher sample. The TFS is the fifth component of the SASS. The sample is a nationally representative sample of public and private school teachers that includes some who have left the profession. This data file users' manual contains information necessary to use the survey results. Contents include information on survey methodology and response rates, file arrangement and contents, and sampling and weighting procedures. The main purposes of the TFS are to: (1) determine the attrition rate for teachers; (2) determine characteristics of those who stay in and those who leave the teaching profession; (3) obtain activity and occupation data for those who leave the teaching profession and career patterns for those remaining in the profession; (4) obtain data on educational activities and future plans; and (5) obtain data on attitudes about the teaching profession and job satisfaction. The follow-up survey and answers to each survey question follow the report. Eight appendixes provide supplemental information (industry codes, occupation codes, and frequency data in the public use tape). (SLD)

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1988–89 Teacher Followup Survey

Data File User's Manual

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User's Manual **May 1992**

1988–89 Teacher Followup Survey

Data File User's Manual

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U.S. Department of Education
Office of Educational Research and Improvement **NCES 92-058**

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May 1992

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1. Purpose of the Survey

The National Center for Education Statistics (NCES) sponsored the 1988-89 Teacher Followup Survey (TFS), conducted by the U.S. Bureau of the Census, to update data on teacher career patterns and plans. This survey is a followup of the 1987-88 Schools and Staffing Survey (SASS) teacher sample. Data from previous surveys have been used by Congress, state education departments, federal agencies, private school associations, teacher associations, and educational organizations.

The Teacher Followup Survey is the fifth component of the SASS and was conducted 1 year after the base-year data collection. The other four components of SASS are the Teacher Demand and Shortage Survey, School Administrator Survey, School Survey, and Teacher Survey. The 1987-88 SASS teacher sample is a nationally representative sample of public and private school teachers in the United States and is state representative in the public sector. The Teacher Followup Survey is a subsample of teachers in the profession during school year 1987-88. The subsample has two parts, "leavers" and "stayers." The Teacher Followup Survey is a followup of the teachers in the 1987-88 SASS teacher sample who left the teaching profession between school years 1987-88 and 1988-89 (leavers) and a subsample of those who remained in the teaching profession (stayers).

The major objectives of the Teacher Followup Survey are to:

- Determine the attrition rate for teachers; that is, the percentage of teachers who left the teaching profession between school years 1987-88 and 1988-89;
- Determine the characteristics of those who stay in the teaching profession and those who leave;
- Obtain major activity or occupation data for those who leave the teaching profession and career patterns for those who remain in the profession;
- Obtain data on educational activities and future plans; and
- Obtain data on attitudes about the teaching profession and job satisfaction.

Survey data collected in the 1987-88 Schools and Staffing Survey are included as classifying variables for analysis of the Teacher Followup Survey data. In addition to data related to stayers and leavers, data related to "movers" will also be analyzed. Movers are those teachers who have remained in the teaching profession but have moved to different schools.

One of the major objectives of the Schools and Staffing Surveys is to collect national data (and state data in the public sector) for estimating teacher turnover and for understanding attrition patterns. The Teacher Followup Survey is designed to be used in conjunction with the other Schools and Staffing Surveys to model the attrition behavior of public and private school teachers.

2. Time Frame of the Survey

The 1988-89 Teacher Followup Survey took place during the 1988-89 school year. Advance letters were sent to school districts in the sample and to state level administrators in October 1988. School principals who provided teacher listings as part of the 1988 Schools and Staffing Survey were mailed a teacher status form (TFS-1) requesting the current occupational status of teachers originally selected for the SASS teacher sample. This phase was conducted between October 1988 and January 1989. A sample of teachers (leavers and stayers) was selected in January 1989. The two mailouts of the survey questionnaires occurred during March-April 1989. Telephone followup of nonrespondents took place during May-July 1989. The reference period for most items on the questionnaire was the 1988-89 school year.

3. Data Collection Procedures

The Census Bureau was the data collection agency for the Teacher Followup Survey. The survey was conducted in two phases. The first phase consisted of contacting schools to determine the present occupational status of teachers who were selected for the teacher sample in the 1987-88 SASS. In late October, the Census Bureau mailed the teacher status forms (TFS-1) to the 11,584 schools selected in the 1987-88 SASS (8,733 public and 2,851 private) to represent the universe of schools in the nation. The school principal or head was asked to complete the form, indicating whether the teacher was still at the school in a teaching or nonteaching capacity, or had left the school to teach elsewhere or for a non-teaching occupation. After completing the form, they were instructed to mail the form to the census regional office. The regional offices' job was to check-in and control the flow of the teacher status forms. The next step was to contact nonrespondent schools, by telephone, to obtain the teacher occupational status information requested on the form. If the principal indicated that a sample teacher had moved (this would pertain particularly to teachers who had left the area), the Census Bureau tried to obtain all address correction information for a sample teacher's home address through the post office.

Phase II of the Teacher Followup Survey commenced in March 1989. The first questionnaire, the TFS-2 (questionnaire for former teachers), was sent to 2,987 sample persons who were reported by school administrators as having *left* the teaching profession. The second questionnaire, the TFS-3 (questionnaire for current teachers), was sent to 4,185 sample persons who were reported as still teaching at the elementary or secondary level. Both questionnaires were mailed to teachers at their home addresses. The respondents were requested to complete the questionnaire and return it to the Census Bureau.

For teachers who did not return a questionnaire within 4 to 5 weeks, the Census Bureau conducted a second mailout. Some respondents may have returned a questionnaire because their status was incorrectly reported by their school administrators. In this case, the Census Bureau sent the correct questionnaire to the respondents during the second mailout. For teachers who did not respond to the second mailout, the Census Bureau compiled a list, by region, of these nonrespondent teachers and sent each list to the appropriate regional office.

The telephone followup of all nonrespondents to the second mailout began in May 1989. In addition to these nonresponse followup cases, some "nonmailable" cases (cases with incomplete addresses) were assigned for telephone followup. If the office was unable to contact the sample teacher through a contact person (two contact persons had been listed by the sample teacher on the SASS form as knowing how or where to get in touch with him or her) or directory assistance, the school was called to obtain information about the sample teacher.

Questionnaire TFS-4, telephone questionnaire for the Teacher Followup Survey, is a combination of the TFS-2 and the TFS-3 questionnaires. This questionnaire was designed for the field representative to use when conducting a telephone interview. The TFS-4 was *not* mailed to the respondent.

Field followup of nonrespondents closed out on July 7, 1989.

4. Survey Response Rates

The following table summarizes the overall weighted response rates for the Teacher Followup Survey.

	Percent		
	Total	Public	Private
Total	97.2	97.3	96.0
Former teachers	93.5	93.6	93.1
Current teachers	97.4	97.5	96.6

5. Item Response Rates

The following table is a brief summary of the weighted item response rates for items from the questionnaires of the Teacher Followup Survey.

	Range of item response rates (%)	Percentage items with a response rate of 90% or more	Percentage items with a response rate less than 80%	Items with a response rate less than 80%
Former teachers	27-100	61	1	31b
Current teachers	65-100	90	5	6b(2),12, 13e,31b

Items with low response rates (<70 percent) should be analyzed with extreme caution. For former teachers, item 31b (number of dependents other than spouse or children) had a response rate of 27 percent. For current teachers, item 12 (religious affiliation of the school to which movers who moved to a private school moved) had a response rate of 65 percent. All other items on both forms had response rates above 70 percent. There are a number of imputation techniques for item nonresponse in sample surveys.[1] The Teacher Followup Survey, however, was not imputed for item nonresponse.

6. Periodicity of Survey

The Teacher Followup Survey will be conducted again in 1992 for a subsample of teachers selected for the 1991 SASS. Each biennial administration of the SASS will be followed 1 year later by the TFS. Plans are being developed for a longitudinal study of a subsample of teachers in a future SASS, where interviews of the same teachers will be conducted every 2 years.

7. Target Populations

The target population for the TFS is teachers in the United States during the 1987-88 school year. This population has two components in 1988-89, current and former teachers.

8. Definitions

Teacher Followup Survey Definitions. The following survey terms are defined as they apply to TFS.

Teacher. A teacher is defined as any full-time or part-time teacher whose school reported that their primary assignment was teaching in any of grades K-12. Itinerant teachers were included, as well as long-term substitutes who were filling the role of a regular teacher on an indefinite basis. An itinerant teacher is defined as a teacher who teaches at more than one school; for example, an art teacher who teaches at two or more elementary schools in the district.

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[1] Kalton, G. and Kasprzyk, D. (1982), "Imputing for Missing Survey Responses," *Proceedings of the Section on Survey Research Methods*, American Statistical Association, 22-31; Kalton, G. *Compensating for Missing Survey Data*. Ann Arbor: Survey Research Center, University of Michigan, 1983; Kalton, G. and Kasprzyk, D. (1986), "The Treatment of Missing Survey Data," *Survey Methodology*, Vol. 12, No. 1, p. 1-16; Little, R.J.A. and Rubin, D.B. (1987), *Statistical Analysis with Missing Data*, John Wiley and Sons; Madow, W.G., Olkin, I., and Rubin, D.B. (eds.) 1983, *Incomplete Data in Sample Surveys*, Vols. 1, 2, and 3. New York, Academic Press.

Leavers. Teachers who left the teaching profession between school years 1987-88 and 1988-89.

Movers. Teachers who had moved to a different school between school years 1987-88 and 1988-89.

Stayers. Teachers who stayed in the same school between school years 1987-88 and 1988-89.

Schools and Staffing Survey Definitions. The following definitions apply to the 1987-88 base year Schools and Staffing Survey and are included on each respondent's record to identify the school in which he or she taught at that time.

Public school. A public school is defined as an institution which provides educational services, has one or more teachers to give instruction, is located in one or more buildings, receives public funds as primary support, and is operated by an education agency. Prison schools, schools operated by the Department of Defense and the Bureau of Indian Affairs are included.

Private school. A private school is defined as a school not in the public system that provides instruction for any of grades 1-12 where the instruction is not given exclusively in a private home. Schools which provided kindergarten instruction were included if they also had any of grades 1 through 12.

Elementary school. A school was defined as elementary for stratification of the sample if it had no grade higher than eight and at least one grade of six or below.

Secondary school. A school was defined as secondary for stratification of the sample if it had no grade less than seven.

Combined school. A school was defined as combined for stratification of the sample if it had at least one grade of six or below and at least one grade of nine or above.

Special education, vocational education, alternative schools. Schools identified as special education, vocational education, or alternative schools on the sampling frame were placed in the combined stratum for sampling.

Out-of-scope teacher. A sample teacher was considered out-of-scope if he or she was a short-term substitute, a student teacher, a nonteaching specialist (e.g., guidance counselor, librarian), a teacher's aide, or in some other professional or support staff position.

If a sample school was considered out-of-scope, all teachers from that school were also considered out-of-scope.

9. Edit Procedures

During the edit process, clerks performed a general clerical edit of the questionnaires designed to check for out-of-range responses. After completion of the clerical edit and data keying, a computer pre-edit was conducted for the Teacher Followup Survey file. The pre-edit consisted of range checks on priority items to identify survey responses that have a high probability of being in error and consistency checks between selected items.

A list of reject cases, cases that failed the pre-edit checks was generated for the file, and clerks reviewed the questionnaires to verify the data keying accuracy and attempted to resolve the reject items.

After the pre-edit reject corrections were made, the TFS file passed through a computer edit. This included a range check of all items in which out-of-range items were blanked, a consistency edit that checked for completeness of reporting and consistency both within each respondent's TFS record and between the TFS and Teacher Survey record from 1987-88 SASS, and a blanking edit that blanked items that the respondent answered despite instructions to skip that item.

10. File Sort Order

Public sector records precede private sector records on each data tape. Within the public and private sector, records are sorted in ascending control number order.

11. File Linkage

Data from the 1987-88 SASS public and private school Teacher files are included on the TFS tape for the TFS sample teachers. The School and Administrator data from the SASS for the TFS sample teachers may be linked to the TFS as described below. The Teacher Demand and Shortage data from the SASS may be linked to the TFS data for the private sector, as described below, but not for the public sector.

The Private School Teacher Demand and Shortage (TDS), School, and Administrator files are linked through the variable CNTLNUM, which is the respondent ID number in each case. Linkage of the Public TDS file with the Public School, Administrator, Teacher, and TFS files is not possible due to confidentiality restrictions. The Public School, Administrator, and Teacher files were released in such a way that they could be linked, as this did not result in the identification of individual schools, administrators, and teachers. These files underwent disclosure analysis, and linkage was subjected to the disclosure analysis review.

For all files except the Public TDS file, the first digit of the CNTLNUM is a survey identifier. Digits two through nine are the school number and digits ten through twelve are the teacher number. For the Public TDS file, digits one and two are the FIPS state code, digit three is a file type code, and digits four through six are the local education agency (LEA) number. Schools, administrators, and teachers may be linked by matching digits two through nine of the CNTLNUM field.

Since the data tapes contain only the survey respondents in each sample, complete linkage of all schools, administrators, and teachers will not always be possible. For example, the administrator in some schools may have responded to the School Questionnaire, but not the Administrator Questionnaire; likewise, the teachers in some schools may have responded to the Teacher Questionnaire, but their school did not respond to the School Questionnaire. In addition, 12 percent of private schools and 4 percent of public schools in the SASS sample did not send in teacher lists; consequently, there are no teacher records for these schools.

12. TFS Sample Design

The 1988 Schools and Staffing Survey includes a followup survey of approximately 7,200 1988 SASS teachers. As described earlier, the purpose of the Teacher Followup Survey (TFS) was to measure teacher attrition rates a year after the 1988 SASS collection. First, schools were selected. Next, teachers were selected within each sampled school. From the SASS teacher sample the TFS teachers were selected. The sections that follow will describe the 1) sampling frames, 2) SASS and TFS allocation, 3) SASS selections (schools and teachers), 4) TFS sample selection, 5) SASS and TFS teacher weighting, and 6) SASS and TFS variance estimation.

13. Sampling Frames

The school samples were selected from the Quality Education Data File (QED). Duplicate schools, as well as schools that did not meet the criteria for being in-scope for the survey were eliminated from the file before sampling. The resulting number of public schools on the QED was 80,384; the resulting number of private schools was 22,600. Additional duplicate private schools were discovered on the QED after sampling had taken place; these schools received a weighting adjustment to account for their increased probability of selection. Additional out-of-scope schools were detected after processing the sampled schools' School Questionnaires. These schools were eliminated from further processing of the school samples and do not figure into any Schools and Staffing Survey estimates of number of schools. Since the QED file has known coverage deficiencies (under coverage) for private schools, two measures were taken to improve the coverage of private schools. The first measure was to update the QED by current lists of schools from 17 non-Catholic organizations. This resulted in an additional 1,586 private schools being added to the list frame. The second measure was to include an area frame sample.

The area frame used for the area sample consisted of 2,497 primary sampling units (PSUs). Each PSU consists of a county or a group of contiguous counties. The area frame sample is contained in 75 PSUs. These 75 PSUs were the sample PSUs for the NCES 1983-84 and 1985-86 Private School Surveys. Originally, 100 PSUs were selected for the 1983-84 survey; but, due to budget constraints, these were subsampled down to 75 (8 PSUs were selected with certainty). Prior to sample selection, the 2,497 PSUs were stratified by Census region (Northeast, Midwest, South, West), SMSA (Standard Metropolitan Statistical Area) enrollment status (SMSA, non-SMSA), and private school enrollment (above the PSU median enrollment, below the PSU median) into 16 strata. Within each stratum PSUs were selected with probability proportional to the square root of the PSU population. The overall sampling fraction was 75/2,497.

An independent search for private schools in the 75 PSUs was conducted. The schools found during the search were matched to the QED list frame universe to eliminate duplications. This resulted in an area frame of 746 eligible schools and 250 unable-to-contact schools. The 996 area frame schools were subsampled in 21 of the PSUs. In the remaining 54 PSUs, all schools in the area frame were taken into the sample. Subsampling was done at such a rate as to prevent the area frame from constituting more than one-third of the total private school sample in a state.

Following adjustments for duplicate and out-of-scope schools, the estimated total number of private schools in the universe obtained from the 1987-88 private school sample is 26,807, with a coefficient of variation of 3 percent. Of the 26,807, some 20,902 are estimated to be represented by the list portion of the frame, and 5,905 are estimated to be represented by the area frame.

For more information see the technical report, *1988 Schools and Staffing Survey Sample Design and Estimation.*

14. SASS School and Teacher Sample Allocation

Public Schools. The SASS sample is a stratified sample. Schools were first classified by sector: public/private. Public schools were stratified by the 50 states and the District of Columbia and then by 3 grade levels (elementary, secondary, combined), resulting in 153 strata.

Within each sample public school, an average teacher sample size of four, eight, and six teachers was randomly selected from elementary, secondary, and combined schools, respectively.

Private Schools. The private schools were stratified by the 50 states and the District of Columbia. Within each state, schools were further stratified by grade level and religious affiliation (Catholic/Friends/Episcopal/Jewish/Seventh-day Adventist/Christian Schools International/American Association of Christian Schools/Exceptional Children/Military Schools/Montessori/Independent Schools/Other). Some collapsing across level of school and affiliation occurred within state for private schools when the allocation procedure allocated zero schools to a stratum. This happened when the stratum population size was small.

Within each sample private school, an average teacher sample size of four, five, and three teachers was randomly selected from elementary, secondary, and combined schools, respectively.

Allocation Model. The school sample sizes were allocated to the strata using a complex allocation model to minimize the relative loss of efficiency with respect to the variances of the estimates of four classes of school characteristics and four classes of teacher characteristics. These four classes of characteristics are the U.S. level estimates, state comparisons, public vs. private comparisons, and elementary vs. secondary vs. combined comparisons. The idea behind the allocation was to look at the relative loss of efficiency (i.e., the ratio of the variance for the proposed allocation to the variance for the optimum allocation) for each of the four individual optimum allocations stated above (i.e., national, state, level, and sector). The optimum allocations assumed a linear cost function with fixed total costs. These relative efficiencies were computed for both school and teacher estimates.

The SASS school and teacher allocation was the allocation that minimized the sum of these eight relative efficiencies (four school and four teacher). The area frame was not allocated as part of the model. In 54 of the 75 PSUs, all schools in the area frame were taken into the sample. Schools were subsampled from the area frame in the remaining 21 PSUs within six states. Subsampling was done so that the area frame did not constitute more than one-third of the total private school sample in each of the six states. The final sample sizes and sampling rates are summarized below.

	Public		Private	
	School sample size	Percent of population	School sample size	Percent of population
Total	9,317	--	3,513	--
Elementary	4,993	10	1,668	12
Secondary	2,899	23	359	14
Combined	1,425	21	935	13
Area sample	N/A	--	551	--

-- Not applicable.

For more information see the technical report, *1988 Schools and Staffing Survey Sample Design and Estimation.*

15. TFS Sample Allocation

The Teacher Followup Survey is a stratified sample. The sample was allocated in order to allow comparisons of stayers, movers, and leavers within sector (public/private), experience groups, and level. Therefore, for the TFS, the responding 1988 SASS teachers were stratified by four variables (teacher status, sector, experience, level) in the order shown below:

Teacher status

Leaver--teachers in the 1987-88 school year who left the teaching profession prior to the 1988-89 school year

Stayer--teachers in the 1987-88 school year who are still teaching in the same school in 1988-89 as they were in the previous school year

Mover--teachers in the 1987-88 school year who are still teaching in the 1988-89 school year, but are in a different school in the 1988-89 school year

Sector

Public--teachers who taught in a public school system in 1987-88

Private--teachers who taught in a private school in 1987-88

Experience

New--teachers who had at least 3 years teaching experience at end of the 1987-88 school year

Experienced--teachers who had more than 3 years experience at end of the 1987-88 school year

Teacher level

Elementary--teachers who taught elementary students in 1987-88

Secondary--teachers who taught secondary students in 1987-88

The public school teachers in the Followup Survey were sorted within each stratum (in order) by Census region, urbanicity, teacher subject, and school enrollment. The private school teachers were sorted within each stratum (in order) by private school affiliation, urbanicity, teacher subject, and school enrollment.

The final TFS sample allocation is summarized in the table below.

	Total	New	Experienced
Public	5,075	1,358	3,417
Leavers			
Total	2,159	389	1,770
Elementary	969	158	811
Secondary	1,190	231	959
Nonleavers	2,916	1,269	1,647
Elementary			
Total	1,638	721	917
Movers	725	379	346
Stayers	913	342	571
Secondary			
Total	1,278	548	730
Movers	519	304	215
Stayers	759	244	515
Private	2,098	849	1,249
Leavers			
Total	828	278	550
Elementary	580	185	395
Secondary	248	93	155
Nonleavers	1,270	571	699
Elementary			
Total	854	385	468
Movers	414	138	275
Stayers	440	247	193
Secondary			
Total	416	186	231
Movers	166	63	104
Stayers	250	123	127

16. SASS School and Teacher Sample Selection Procedures

Within each public school stratum, schools were first sorted by the following variables:

Urbanicity--urban, suburban, rural
Percent minority--0 to 5, 6 to 20, 21 to 50, 51 or more
Zip code--first three digits
LEA ID number
Highest grade in school
Enrollment

The private schools were sorted by urbanicity, ZIP code (first two digits), highest grade in school, and enrollment. A systematic sampling scheme was then applied within each school stratum to select the appropriate number of sample schools, with probability proportional to the square root of the number of teachers for a school.

Schools in the area frame were sorted by state, PSU, grade level, affiliation (Catholic, Other Religious, Nonsectarian), enrollment and alphabetically by name. Sample selection was with probability proportional to the square root of the number of teachers. In those schools where the number of teachers was unavailable, sampling was with equal probability.

In order to reduce respondent burden, a procedure which minimized the probability of duplication was used to unduplicate the SASS sample with the sample schools of the National Assessment of Educational Progress (NAEP)[2] and the National Educational Longitudinal Study (NELS)[3]. As a result, there were only four public schools in the sample for both SASS and NAEP. No public school was in sample for SASS and NELS. Each school's measure of size was adjusted so that the probability of selecting the school for SASS, given that it was selected for NAEP or NELS, was minimized, without changing the selection probability average over all possible samples.

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[2] For information on the National Assessment of Educational Progress, contact the Education Assessment Division, National Center for Education Statistics, 555 New Jersey Avenue NW, Washington, DC 20208, or phone (202) 219-1763.

[3] For information on the National Educational Longitudinal Study, contact the Elementary and Secondary Education Statistics Division, National Center for Education Statistics, 555 New Jersey Avenue NW, Washington, DC 20208, or phone (202) 219-1777.

Two sets of teacher samples were selected: the basic sample and the bilingual supplement. The supplement was funded by the Office of Bilingual Education and Minority Languages Affairs.

Within each sample school there were two teacher strata for the basic sample: new teachers and all other teachers. New teachers are those who, counting the 1987-88 school year, are in the first, second, or third year of their teaching career in either a public or private school system. Within each stratum in a school, teachers were sorted by subject: General Elementary Education/Special Education or Other for elementary school teachers, and Mathematics/Science/English/Social Science/Vocational Education/Other for secondary school teachers.

The basic sample of teachers required for each school stratum was allocated to the sample schools in each stratum so that the teacher weights were approximately equal. The specified average teacher sample size for each school was then allocated to the two teacher strata such that an oversampling of new teachers at a fixed rate was obtained for private schools, and proportional allocation was obtained for public schools. A systematic sampling scheme was then applied to select the basic sample within each sample school and teacher stratum.

Systematic sampling was also used to select the bilingual teacher supplement. There were six strata for the bilingual supplement (see below). The bilingual supplement was subsampled systematically with equal probabilities within each stratum to control the total teachers in each of the six bilingual strata. The maximum number of bilingual teachers selected in each stratum was designated to be 500. This was exceeded in Texas, California, and the All Other States stratum. The number of bilingual teachers sampled in each school is proportional to the weighted number of bilingual teachers in the school. In addition, the total number of teachers selected in both samples was not permitted to exceed 20 in a given school. The six bilingual strata and their respective sample sizes are:

	Public	Private	Total
California	494	15	509
Texas	548	13	561
Florida	147	43	190
Illinois	180	16	196
New York	421	47	468
All other states	468	47	517
Total	2,258	183	2,441

These sample sizes include bilingual teachers from both the bilingual supplement and the portion of the basic sample which overlaps with the bilingual supplement. The actual number of bilingual teachers that resulted is larger: 2,848 public and 281 private, because some bilingual teachers were selected by chance in the nonoverlapping portion of the basic sample. The bilingual supplement was unduplicated with the basic sample, so that teachers selected in both samples appear only once on the tape. All bilingual teachers received a basic weight which reflected their joint probability of selection in both bilingual and basic samples. Bilingual teachers can be identified on the tape with the indicator variable TBIL.

For more information see the technical report, *1988 Schools and Staffing Survey Sample Design and Estimation.*

The final sample sizes for teachers in SASS are summarized in the table below:

	Public	Private
Total	56,242	11,529
Elementary	24,196	6,037
Secondary	24,074	1,763
Combined	7,972	2,504
Area sample	--	1,225
Experienced	49,609	8,666
New	6,633	2,863
Bilingual	2,848	281
Nonbilingual	53,394	11,248

-- Not applicable.

17. TFS Sample Selection Procedures

Sorting. Within each public stratum, teachers responding to the 1987-88 SASS Teacher Survey were sorted by Census region, urbanicity, teacher subject, and school enrollment. Within each private stratum, responding teachers were sorted by affiliation, urbanicity, teacher subject, and school enrollment.

Sample Selection. After the teachers were sorted, teachers were selected within each stratum using a probability proportional to size sampling procedure. The measure of size was the SASS basic weight (inverse of the probability of selecting a teacher in the SASS teacher sample).

18. SASS Teacher Weights

The teacher basic weight is the inverse of the probability of selection. Teacher records receive either a basic weight from the basic sample or a basic weight from the bilingual supplement or both. These two basic weights were then combined by applying a bilingual oversampling adjustment factor to the bilingual teacher weight to account for their two chances of selection. Teacher basic weights were also adjusted to account for schools that refused to participate in the teacher selection process, and for teachers not selected for telephone followup (subsampling) in the base year and for whom questionnaires were not returned by mail. In addition, teacher and school noninterview adjustment factors and the QED school ratio adjustment factor were also applied to produce the final weight.

19. TFS Teacher Weights

The final TFS sample weight equals:

SASS teacher final weight*TFS basic weight*TFS Nonresponse Adjustment

where:
SASS teacher final weight is final teacher weight used to produce teacher estimates from the SASS teacher sample

TFS basic weight is inverse of the probability of selecting a teacher given the teacher was selected in the SASS teacher sample

TFS nonresponse adjustment is the adjustment used to adjust for teachers that refused to participate in the TFS survey.

The estimates produced by this tape may differ slightly from those published in "Characteristics of Stayers, Movers, and Leavers: Results from the Teacher Followup Survey, 1988-89" (NCES Publication Number 91-128, June 1991) due to a revision of the final weight in the fifth decimal place on the tape. These differences are small relative to the standard errors of the estimates which reflect sampling variability. For example, a few of the percentages listed in table 1 of the publication may vary by one-tenth of 1 percent, but most of the percentages did not change. In table 4 of the publication, the total estimate of 2,052,383 stayers will show up as 2,065,839 on the tape. This difference of 13,456 stayers is small relative to the standard error of 55,896.

20. Variance Estimation

Schools. Responding public schools were placed into replicates by first creating 48 variance strata within each state. Noncertainty schools were sorted by order of selection within each sampling stratum and consecutive pairs of schools were assigned to variance strata, numbered from 1 to 48. At least two schools in a variance stratum were required. Therefore, in sampling strata with more than 96 noncertainty schools contiguous variance strata were collapsed, so that there are variance strata with more than two schools. In sampling strata with less than 96 schools there are less than 48 variance strata. Within each variance stratum, schools were split into two half-samples. Certainty schools were assigned to their own variance stratum and to both half-samples in the variance stratum.

Private schools from the list sample were sorted by region, sampling stratum (state by affiliation by level), and order of selection within each sampling stratum. Consecutive pairs of schools were assigned to variance strata numbered from 1 to 48, beginning again with 1 after the 48th pair until all schools in the entire national sample were assigned to a variance stratum. Thus, there are 48 variance strata in the nation. Within each variance stratum schools were split into half-samples. Certainty schools were assigned to their own variance stratum and to both half-samples in the variance stratum. For private schools from the area sample, the noncertainty PSUs (the geographic areas) were sorted by order of selection and paired consecutively to form 48 variance strata. Within each of the eight certainty PSUs, schools were assigned to variance strata in the same manner as the list sample schools.

Teachers. For responding teachers without responding schools, school records were created and variance strata and half-samples were assigned for all schools using the same procedure as described for schools. Responding teachers within a school were assigned to their school's variance stratum and half-sample. Teachers from certainty schools were placed into the same variance stratum as the school, but were split into different half-samples. Certainty teachers from certainty schools received replicate weights of 1.0000.

LEAs. Schools and teachers were assigned to replicates using a Hadamard orthogonal matrix of order 48. Partial balancing was achieved because of the combining of variance strata. The replicate weight for the ith sample unit in the kth replicate is equal to twice the full-sample weight when the sample unit is included in the kth replicate, and zero otherwise. The exception is for certainty units, which appear in every replicate and therefore have all nonzero replicate weights and sample units in variance strata with an odd number in them. All replicate weight fields in certainty units were assigned to their full-sample weight so that they would not contribute to the variance.

TFS Teachers. Since the TFS sample was a proper subsample of the SASS teacher sample, the SASS teacher replicates were used for the TFS sample. The one problem with the SASS teacher replicates was that the half-sample sample sizes were not equal by "teacher location" (leaver, mover, stayer), as the TFS sample design would imply. To better replicate the TFS design, the teacher half-sample panel assignments were switched within each variance stratum, when necessary; to equalize the "teacher location" half-sample sample sizes across the 48 variance strata.

A variance estimate is calculated by first calculating the estimate for each replicate, then summing the squared deviations of the replicate estimates from the full-sample estimate, and finally dividing by the number of replicates:

$$\sum_{k} (\hat{y}_k - \hat{y})^2/48$$

where $k=1, 2 \ldots\ldots 48$,

$\hat{y}_k$=kth replicate estimate

and $\hat{y}$=full sample estimate.

When calculating variance estimates for some small subdomains of interest (e.g., vocational education teachers), sparseness of the data may result in there being no data from some replicates. This can result in either an extremely large variance estimate or failure of the software used to calculate the variance, with possibly a warning message.

Nonresponse adjustments and ratio estimation factors were not recalculated for each replicate. The effects of imputation are also not reflected in the replicate weights. Finite population correction factors were omitted. All of this results in a slightly biased variance estimate.

Software which produces variance estimates from replicate weights using balanced repeated replication is available from

Westat, Inc.
1650 Research Blvd.
Rockville, MD 20850

Contact: Marilyn Rowen
(301) 251-4232

The software is called WESVAR and runs under IBM/OS and VAX/VMS systems. Other variance estimation software is also available.[4]

21. Confidentiality Protection Measures

The 1988-89 Teacher Followup Survey data is released in accordance with the provisions of the General Education Provisions Act (GEPA) (20 USC 1221e-1) and the Carl D. Perkins Vocational Education Act. GEPA ensures privacy by ensuring that respondents will never be individually identified.

Under Public Law 100-297, the National Center for Education Statistics is responsible for protecting the confidentiality of individual respondents and is releasing this data tape to be used for statistical purposes only. Record matching or deductive disclosure by any user is prohibited.

To ensure that the confidentiality provisions contained in PL 100-297 have been fully implemented, procedures for disclosure avoidance were used in preparing the data tape in this release. Every effort has been made to provide the maximum research information consistent with reasonable confidentiality protections.

To prevent disclosure of teachers on the public use data tapes, state identifiers (on the public sector tapes), state and regional identifiers (on the private sector tapes), detailed affiliation and association codes (on the private sector tapes), and stratum codes have been removed.

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[4] Kalton, G. (1977), "Practical Methods for Estimating Survey Sampling Errors," Bulletin of the International Statistical Institute: 46, 3, 495-514; Wolter, K. (1985), *Introduction to Variance Estimation*, New York, Springer-Verlag.

Continuous variables on the questionnaires that would permit disclosure of a teacher have been coded into categories. Some categorical variables that were a disclosure problem have been recoded into new categories. On the private sector tapes, the detailed affiliation codes have been collapsed into three categories: Catholic, Other Religious, and Nonsectarian. The new categories for recoded variables are defined for the appropriate source codes on the attached tape record layouts. A few items have been deleted from the files altogether because of disclosure problems. These will be missing on the record layouts.

1989 TEACHER FOLLOW-UP SURVEY

SUBJECT: DOCUMENTATION AND RECORD LAYOUT OF THE 1989 TEACHER FOLLOW-UP SURVEY (PUBLIC-USE FILE).

THE FILE CONTAINS DATA COLLECTED ON OR DERIVED FROM TFS-2, TFS-3, AND TFS-4 QUESTIONNAIRES,1988 SASS QUESTIONNAIRE DATA, TFS SAMPLE DATA, TFS RECODES, TFS FINAL AND REPLICATE WEIGHTS.

THERE ARE 6763 RECORDS. THE MAXIMUM NUMBER OF TFS SOURCE CODES IS 196 SOURCE CODES. EACH RECORD REPRESENTS ONE INDIVIDUAL IN THE SURVEY.

VARIABLES TFS004 THROUGH TFS082 APPLY TO QUESTIONNAIRE TYPE TFS-2. VARIABLES TFS104 THROUGH TFS196 APPLY TO QUESTIONNAIRE TYPE TFS-3. QUESTIONNAIRE TYPE TFS-4 IS A COMBINED DOCUMENT USED FOR TELEPHONE FOLLOW-UP. IT USES THE SAME NUMBERING SYSTEM.

VARIABLES TFS121 - TFS130 IDENTIFY THE GRADE LEVELS OF THE STUDENTS IN THE TEACHER'S CLASSES. THE PRESENCE OF A "0" INDICATES THAT ONE OF THE SOURCE CODES (BETWEEN 121 AND 130) CONTAINS VALID DATA.

A DESCRIPTION OF THE EDITED DATA COMPILED FROM THE 1989 QUESTIONNAIRE IS INCLUDED IN THIS DOCUMENTATION. ITEMS FOR WHICH A RESPONDENT IS OUT OF UNIVERSE ARE FILLED WITH BLANKS. THE ITEMS HAVE BEEN EDITED FOR CONSISTENCY AND VALID RANGES.

BLANKS IN A FIELD INDICATE THAT THE RESPONDENT WAS 'OUT OF UNIVERSE' FOR THAT ITEM (OR PART OF AN ITEM). THAT IS, HE(SHE) WAS NOT REQUIRED TO ANSWER THAT QUESTION (OR PART OF THE QUESTION) DUE TO THE SKIP PATTERN OF THE QUESTIONNAIRE.

THE DATA FIELDS USUALLY ARE IN ORDER BY ITEM NUMBER AS WELL AS BY SOURCE CODE.

THE APPENDICES INCLUDED ARE AS FOLLOWS:

APPENDIX 'A' - INDUSTRY CODES (1980) & OCCUPATION CODES 1980
APPENDIX 'B' - TSC040, TSC044, TSC048, TSC052, TSC056, TSC060, TSC064, TSC068
APPENDIX 'C' - TSC041, TSC045, TSC049, TSC053, TSC057, TSC061, TSC065, TSC069
APPENDIX 'D' - TSC042, TSC046, TSC050, TSC054, TSC058, TSC062, TSC066, TSC070
APPENDIX 'E' - TSC078, TSC079, TSC081, TSC083, TSC129
APPENDIX 'F' - TSC166, TSC173, TSC180, TSC187, TSC194, TSC201, TSC208, TSC215, TSC222
APPENDIX 'G' - TSC171, TSC178, TSC185, TSC192, TSC199, TSC206, TSC213, TSC220, TSC227
APPENDIX 'H' - TSC172, TSC179, TSC186, TSC193, TSC200, TSC207, TSC214, TSC221, TSC228

FIELD NAME	LOCATION	CODES = COMMENTS	UNWEIGHTED FREQUENCIES PUBLIC SCHOOL	PRIVATE SCHOOL
SECTOR	1 - 1	SECTOR		
		1 = Public School	4812	0
		2 = Private School	0	1951
CNTLNUM	2 - 14	CONTROL NUMBER = (SCRAMBLED FOR CONFIDENTIALITY)		
BLANK	15 - 18	BLANK		
ISR	19 - 19	ISR CODE		
		1 = INTERVIEW	4812	1951
	20 - 21	BLANK		
TFS002	22 - 22	ARE YOU CURRENTLY TEACHING FULL-TIME, PART-TIME, OR AS A LONG TERM SUBSTITUTE IN ANY OF GRADES KINDERGARTEN THROUGH 12?		
		1 = YES	3259	1282
		2 = NO	1553	669
FORMER TEACHER QUESTIONNAIRE				
TFS004	24 - 24	1. WHAT IS YOUR (1988-89) PRIMARY OCCUPATIONAL STATUS? IS IT-		
		1 = WORKING ELEM. OR SECON. SCHOOL ASSIGN. OTHER THAN TEACHING	240	60
		2 = WORKING IN AN OCCUP. OUTSIDE ELEM. OR SECON. EDUCATION	362	247
		3 = ATTENDING A COLLEGE OR UNIVERSITY	114	72
		4 = HOMEMAKING AND/OR CHILD REARING	322	190
		5 = RETIRED	383	37
		6 = DISABLED	19	3
		7 = OTHER	113	60
TFS005	25 - 25	2. WHAT IS YOUR MAIN (1988-89) SCHOOL ASSIGNMENT? IS IT -		
		1 = ADMINISTRATOR (PRINCIPAL, ASSIST. PRINCIPAL,DIRECTOR,HEAD)	99	26
		2 = NONTEACHING SPECIALIST (COUNSELOR, LIBRARIAN)	56	5
		3 = RESOURCE PERSON FOR OTHER TEACHERS	27	8
		4 = SUPPORT STAFF	10	10
		5 = COACH	4	0
		6 = OTHER	42	10
		9 = NOT ANSWERED	2	1
		BL= NOT APPLICABLE	4572	1891
TFS006	26 - 29	3B. WHAT KIND OF BUSINESS OR INDUSTRY IS THIS? 1980 INDUSTRY CODES (SEE APPENDIX 'A')		
		0010 - 0932 = INDUSTRY CODES	362	247
		9999 = NOT ANSWERED	2	1
		BL = NOT APPLICABLE	4448	1703
TFS007	30 - 33	3C. WHAT KIND OF WORK DO YOU DO? 1980 OCCUPATION CODES (SEE APPENDIX 'B')		
		0003 - 0889 = OCCUPATION CODES	362	247
		9999 = NOT ANSWERED	2	1
		BL = NOT APPLICABLE	4448	1703

FIELD NAME	LOCATION	CODES = COMMENTS	UNWEIGHTED FREQUENCIES PUBLIC SCHOOL	PRIVATE SCHOOL
TFS008	34 - 34	3E. HOW WOULD YOU CLASSIFY YOURSELF ON THIS JOB? ARE YOU-		
		1 = AN EMPLOYEE OF A PRIVATE COMPANY,BUSINESS, OR INDIV. FOR WAGES, SALARY OR COMMISSION	203	172
		2 = A FEDERAL GOVERNMENT EMPLOYEE	12	4
		3 = A STATE GOVERNMENT EMPLOYEE	38	15
		4 = A LOCAL GOVERNMENT EMPLOYEE	23	11
		5 = SELF-EMPLOYED IN YOUR OWN BUSINESS, PROFESSIONAL PRACTICE, OR FARM	68	32
		6 = WORKING WITHOUT PAY IN A FAMILY BUSINESS OR FARM	1	3
		7 = WORKING WITHOUT PAY IN A VOLUNTEER JOB	0	0
		9 = NOT ANSWERED	19	11
		BL = NOT APPLICABLE	4448	1703
TFS009	35 - 35	4. WHICH OF THE FOLLOWING CATEGORIES BEST DESCRIBES YOUR POSITION AS AN EMPLOYEE?		
		1 = FULL-TIME EMPLOYEE	470	208
		2 = 3/4 TIME OR MORE, BUT LESS THAN FULL-TIME EMPLOYEE	29	33
		3 = 1/2 TIME OR MORE, BUT LESS THAN 3/4 TIME EMPLOYEE	52	36
		4 = 1/4 TIME OR MORE, BUT LESS THAN 1/2 TIME EMPLOYEE	17	20
		5 = LESS THAN 1/4 TIME EMPLOYEE	13	6
		9 = NOT ANSWERED	21	4
		BL = NOT APPLICABLE	4210	1644
TFS010	36 - 41	5. ALTOGETHER, HOW MUCH DO YOU USUALLY EARN AT THIS JOB BEFORE DEDUCTIONS? EARNINGS ARE EXPRESSED IN DOLLARS OR DOLLARS AND CENTS AND COULD REFLECT ANY PAYMENT INTERVAL (SEE TFS011)		
		000000 - 999996 = DOLLARS		
		Maximum	70000	48000
		Minimum	2.01	0
		Mean	16641.3	8908.07
		Standard Dev	16455	12084.3
		999999 = NOT ANSWERED	71	37
		BL = NOT APPLICABLE	4210	1644
TFS011	42 - 43	PAYMENT INTERVAL		
		1 = HOUR	88	61
		2 = DAY	13	5
		3 = WEEK	32	36
		4 = BIWEEKLY	24	11
		5 = MONTH	79	46
		6 = YEAR	292	105
		7 = OTHER	16	11
		99 = NOT ANSWERED	58	32
		BL = NOT APPLICABLE	4210	1644
TFS012	44 - 44	6. HOW LONG DO YOU PLAN TO REMAIN IN THIS JOB?		
		1 = AS LONG AS ABLE	229	116
		2 = UNTIL ELIGIBLE FOR RETIREMENT	86	12
		3 = PLAN TO LEAVE AS SOON AS POSSIBLE	78	57
		4 = UNDECIDED	184	116

			UNWEIGHTED FREQUENCIES	
FIELD NAME	LOCATION	CODES = COMMENTS	PUBLIC SCHOOL	PRIVATE SCHOOL
		9 = NOT ANSWERED	25	6
		BL= NOT APPLICABLE	4210	1644
TFS013	45 - 46	7. IN HOW MANY YEARS DO YOU PLAN TO RETIRE?		
		0 - 70 = YEARS		
		Maximum	50	65
		Minimum	0	2
		Mean	20.137	24.56
		Standard Dev	9.763	11.577
		99 = NOT ANSWERED	77	34
		BL = NOT APPLICABLE	4472	1817
TFS014	47 - 48	8. WHAT DO YOU EXPECT YOUR MAIN ACTIVITY WILL BE DURING THE NEXT SCHOOL YEAR (1989-90)? WILL YOU BE -		
		6 = ATTENDING A COLLEGE OR UNIVERSITY	72	64
		7 = WORKING IN A NONTEACHING OCCUPATION IN THE FIELD OF EDUCATION	221	55
		8 = WORKING IN AN OCCUPATION OUTSIDE THE FIELD OF EDUCATION	247	165
		9 = HOMEMAKING AND/OR CHILD REARING	208	149
		10 = UNEMPLOYED AND SEEKING WORK	27	12
		11 = MILITARY SERVICE	0	0
		12 = RETIRED	349	0
		13 = OTHER	108	0
		14 = TEACHING ANY OF GRADES KINDERGARTEN-12	262	0
		16 = TEACHING AT THE PRE-KINDERGARTEN OR POST-SECONDARY LEVEL	49	0
		99 = NOT ANSWERED	10	3
		BL = NOT APPLICABLE	3259	1282
TFS015	49 - 49	9. HAVE YOU EARNED ANY NEW DEGREES IN THE PAST YEAR?		
		1 = YES	65	13
		2 = NO	1477	654
		9 = NOT ANSWERED	11	2
		BL = NOT APPLICABLE	3259	1282
TFS016	50 - 51	10. WHEN DID YOU EARN THIS DEGREE?		
		1 = JANUARY	0	1
		2 = FEBRUARY	1	0
		3 = MARCH	0	0
		4 = APRIL	0	0
		5 = MAY	23	3
		6 = JUNE	8	3
		7 = JULY	1	0
		8 = AUGUST	13	2
		9 = SEPTEMBER	3	0
		10 = OCTOBER	2	0
		11 = NOVEMBER	1	0
		12 = DECEMBER	9	2
		99 = NOT ANSWERED	15	4
		BL = NOT APPLICABLE	4736	1936
TFS017	52 - 53	WHEN DID YOU EARN THIS DEGREE?		
		88 = YEAR 1988	31	4
		89 = YEAR 1989	27	7

			UNWEIGHTED FREQUENCIES	
FIELD NAME	LOCATION	CODES = COMMENTS	PUBLIC SCHOOL	PRIVATE SCHOOL
		99 = NOT ANSWERED	18	4
		BL = NOT APPLICABLE	4736	1936
TFS018	54 - 54	11. WHAT TYPE OF DEGREE IS IT?		
		1 = BACHELOR'S	0	1
		2 = MASTER'S	44	12
		3 = EDUCATION SPECIALIST OR PROFESS. DIPLOMA	9	0
		4 = DOCTORATE	6	0
		5 = PROFESSIONAL	2	0
		9 = NOT ANSWERED	15	2
		BL= NOT APPLICABLE	4736	1936
TFS019	55 - 56	12. WHAT IS THE MAJOR FIELD OF STUDY FOR YOUR NEW DEGREE?		
		GENERAL		
		11 = AGRICULTURE AND NATURAL RESOURCES	0	0
		12 = ARCHITECTURE AND ENVIRONMENTAL DESIGN	0	0
		13 = AREA AND ETHNIC STUDIES	0	0
		14 = BIOLOGICAL/LIFE SCIENCE	1	0
		15 = BUSINESS AND MANAGEMENT	0	1
		16 = COMMUNICATIONS	1	0
		17 = COMPUTER AND INFORMATION SCIENCES	0	1
		18 = ENGINEERING	0	0
		19 = FINE AND APPLIED ARTS	1	1
		20 = FOREIGN LANGUAGES	0	0
		21 = HEALTH PROFESSIONS	0	0
		22 = HOME ECONOMICS	0	0
		23 = LAW	2	0
		24 = LETTERS (ENGLISH, LITERATURE, SPEECH, CLASSICS)	2	0
		25 = LIBRARY SCIENCE	0	0
		26 = MATHEMATICS	0	0
		27 = MILITARY SCIENCE	0	0
		28 = MULTI/INTERDISCIPLINARY STUDIES	0	0
		29 = PHILOSOPHY AND RELIGION	0	0
		30 = PSYCHOLOGY	0	1
		31 = PUBLIC AFFAIRS AND SERVICES	0	0
		32 = THEOLOGY	0	1
		PHYSICAL SCIENCES		
		33 = CHEMISTRY	1	0
		34 = PHYSICS	0	0
		35 = GEOLOGY/EARTH SCIENCE	0	0
		36 = OTHER PHYSICAL SCIENCES	0	0
		SOCIAL SCIENCES		
		37 = ECONOMICS	0	0
		38 = HISTORY	0	0
		39 = POLITICAL SCIENCE AND GOVERNMENT	0	0
		40 = SOCIOLOGY	0	0
		41 = OTHER SOCIAL SCIENCES	0	0
		42 = OTHER	1	0
		EDUCATION		
		GENERAL EDUCATION		
		51 = ELEMENTARY EDUCATION	1	1
		52 = PRE-ELEMENTARY/EARLY CHILDHOOD EDUCATION	1	0
		53 = SECONDARY EDUCATION	2	0
		SUBJECT AREA EDUCATION		

FIELD NAME	LOCATION	CODES = COMMENTS	UNWEIGHTED FREQUENCIES PUBLIC SCHOOL	PRIVATE SCHOOL
		54 = AGRICULTURAL EDUCATION	0	0
		55 = ART EDUCATION	0	0
		56 = BILINGUAL EDUCATION	0	0
		57 = BUSINESS, COMMERCE, AND DISTRIBUTIVE EDUCATION	0	0
		58 = ENGLISH AS A SECOND LANGUAGE	1	0
		59 = ENGLISH EDUCATION	2	0
		60 = FOREIGN LANGUAGES EDUCATION	0	0
		61 = HOME ECONOMICS EDUCATION	0	0
		62 = INDUSTRIAL ARTS, VOCATIONAL AND TECHNICAL EDUCATION	1	0
		63 = MATHEMATICS EDUCATION	2	0
		64 = MUSIC EDUCATION	0	0
		65 = PHYSICAL EDUCATION/HEALTH EDUCATION	0	0
		66 = READING EDUCATION	1	0
		67 = SCIENCE EDUCATION	1	0
		68 = SOCIAL STUDIES/SOCIAL SCIENCES EDUCATION	0	0
		SPECIAL EDUCATION		
		70 = SPECIAL EDUCATION, GENERAL	2	0
		71 = EDUCATION OF THE EMOTIONALLY DISTURBED	2	0
		72 = EDUCATION OF THE MENTALLY RETARDED	0	0
		73 = EDUCATION OF THE SPEECH/HEARING/VISION IMPAIRED	1	0
		74 = SPECIAL LEARNING DISABILITIES	2	0
		75 = OTHER SPECIAL EDUCATION	2	0
		OTHER EDUCATION		
		80 = CURRICULUM AND INSTRUCTION	2	2
		81 = EDUCATIONAL ADMINISTRATION	23	2
		82 = EDUCATIONAL PSYCHOLOGY	0	1
		83 = STUDENT PERSONNEL AND COUNSELING	5	1
		84 = OTHER EDUCATION	2	1
		99 = NOT ANSWERED	14	2
		BL = NOT APPLICABLE	4736	1936
TFS020	57 - 57	13. FOR WHAT PURPOSE DID YOU EARN THIS DEGREE? WAS IT -		
		1 = TO INCREASE SALARY	11	3
		2 = FOR PROFESSIONAL DEVELOPMENT IN CURRENT FIELD	26	6
		3 = TO TEACH IN A DIFFERENT FIELD THAN THE ONE TAUGHT LAST YEAR	2	0
		4 = FOR A NONTEACHING POSITION IN ELEMENTARY OR SECONDARY EDUCATION	12	3
		5 = FOR AN OCCUPATION OUTSIDE ELEM. OR SECONDARY EDUCATION	7	1
		6 = OTHER	4	0
		9 = NOT ANSWERED	14	2
		BL= NOT APPLICABLE	4736	1936
TFS021	58 - 58	14. ARE YOU CURRENTLY ENROLLED IN A DEGREE PROGRAM?		
		1 = NO	1308	551
		2 = YES, AS A FULL-TIME STUDENT	104	52
		3 = YES, AS A PART-TIME STUDENT	125	62
		9 = NOT ANSWERED	16	4
		BL = NOT APPLICABLE	3259	1282
TFS022	59 - 59	15. WHAT TYPE OF DEGREE ARE YOU PURSUING?		
		1 = BACHELOR'S	5	1
		2 = MASTER'S	149	2
		3 = EDUCATION SPECIALIST OR PROFESSIONAL DIPLOMA	35	3
		4 = DOCTORATE	33	4
		5 = PROFESSIONAL	5	5
		9 = NOT ANSWERED	18	3

			UNWEIGHTED FREQUENCIES	
FIELD NAME	LOCATION	CODES = COMMENTS	PUBLIC SCHOOL	PRIVATE SCHOOL
		BL= NOT APPLICABLE	4567	1833
TFS023	60 - 61	16. WHAT IS THE MAJOR FIELD OF STUDY FOR THE DEGREE YOU ARE PURSUING?		
		GENERAL		
		11 = AGRICULTURE AND NATURAL RESOURCES	0	0
		12 = ARCHITECTURE AND ENVIRONMENTAL DESIGN	0	0
		13 = AREA AND ETHNIC STUDIES	0	0
		14 = BIOLOGICAL/LIFE SCIENCE	2	3
		15 = BUSINESS AND MANAGEMENT	3	5
		16 = COMMUNICATIONS	3	0
		17 = COMPUTER AND INFORMATION SCIENCES	2	2
		18 = ENGINEERING	1	0
		19 = FINE AND APPLIED ARTS	1	1
		20 = FOREIGN LANGUAGES	3	0
		21 = HEALTH PROFESSIONS	4	3
		22 = HOME ECONOMICS	0	0
		23 = LAW	4	4
		24 = LETTERS (ENGLISH, LITERATURE, SPEECH, CLASSICS)	3	0
		25 = LIBRARY SCIENCE	4	0
		26 = MATHEMATICS	0	3
		27 = MILITARY SCIENCE	0	0
		28 = MULTI/INTERDISCIPLINARY STUDIES	0	1
		29 = PHILOSOPHY AND RELIGION	0	1
		30 = PSYCHOLOGY	1	6
		31 = PUBLIC AFFAIRS AND SERVICES	0	1
		32 = THEOLOGY	2	4
		PHYSICAL SCIENCES		
		33 = CHEMISTRY	2	2
		34 = PHYSICS	2	2
		35 = GEOLOGY/EARTH SCIENCE	0	0
		36 = OTHER PHYSICAL SCIENCES	1	3
		SOCIAL SCIENCES		
		37 = ECONOMICS	0	0
		38 = HISTORY	1	3
		39 = POLITICAL SCIENCE AND GOVERNMENT	0	0
		40 = SOCIOLOGY	0	0
		41 = OTHER SOCIAL SCIENCES	3	0
		42 = OTHER	7	4
		EDUCATION		
		GENERAL EDUCATION		
		51 = ELEMENTARY EDUCATION	11	16
		52 = PRE-ELEMENTARY/EARLY CHILDHOOD EDUCATION	3	1
		53 = SECONDARY EDUCATION	8	3
		SUBJECT AREA EDUCATION		
		54 = AGRICULTURAL EDUCATION	2	0
		55 = ART EDUCATION	0	1
		56 = BILINGUAL EDUCATION	1	1
		57 = BUSINESS, COMMERCE, AND DISTRIBUTIVE EDUCATION	1	0
		58 = ENGLISH AS A SECOND LANGUAGE	1	0
		59 = ENGLISH EDUCATION	3	2
		60 = FOREIGN LANGUAGES EDUCATION	2	1
		61 = HOME ECONOMICS EDUCATION	1	0
		62 = INDUSTRIAL ARTS, VOCATIONAL AND TECHNICAL EDUCATION	4	0
		63 = MATHEMATICS EDUCATION	2	1
		64 = MUSIC EDUCATION	9	1

			UNWEIGHTED FREQUENCIES	
FIELD NAME	LOCATION	CODES = COMMENTS	PUBLIC SCHOOL	PRIVATE SCHOOL
		65 = PHYSICAL EDUCATION/HEALTH EDUCATION	4	2
		66 = READING EDUCATION	9	4
		67 = SCIENCE EDUCATION	3	2
		68 = SOCIAL STUDIES/SOCIAL SCIENCES EDUCATION	1	0
		SPECIAL EDUCATION		
		70 = SPECIAL EDUCATION, GENERAL	6	1
		71 = EDUCATION OF THE EMOTIONALLY DISTURBED	1	0
		72 = EDUCATION OF THE MENTALLY RETARDED	0	0
		73 = EDUCATION OF THE SPEECH/HEARING/VISION IMPAIRED	5	0
		74 = SPECIAL LEARNING DISABILITIES	5	3
		75 = OTHER SPECIAL EDUCATION	4	1
		OTHER EDUCATION		
		80 = CURRICULUM AND INSTRUCTION	13	4
		81 = EDUCATIONAL ADMINISTRATION	51	10
		82 = EDUCATIONAL PSYCHOLOGY	3	2
		83 = STUDENT PERSONNEL AND COUNSELING	16	7
		84 = OTHER EDUCATION	7	4
		99 = NOT ANSWERED	17	3
		BL = NOT APPLICABLE	4567	1833
TFS024	62 - 62	17. FOR WHAT PURPOSE ARE YOU PURSUING THIS DEGREE?		
		1 = TO INCREASE CURRENT SALARY	32	8
		2 = FOR PROFESSIONAL DEVELOPMENT IN CURRENT FIELD	105	49
		3 = TO TEACH IN A DIFFERENT FIELD THAN THE ONE TAUGHT LAST YEAR	24	12
		4 = FOR A NONTEACHING POSITION IN ELEM. OR SECONDARY EDUCATION	27	9
		5 = FOR AN OCCUPATION OUTSIDE ELEM. OR SECON. EDUCATION	21	27
		6 = OTHER	18	10
		9 = NOT ANSWERED	18	3
		BL= NOT APPLICABLE	4567	1833
TFS025	63 - 63	18. DO YOU PLAN TO RETURN TO TEACHING?		
		1 = YES	490	280
		2 = NO	700	192
		3 = UNDECIDED	348	196
		9 = NOT ANSWERED	15	1
		BL = NOT APPLICABLE	3259	1282
TFS026	64 - 64	19. HOW SOON MIGHT YOU RETURN TO TEACHING?		
		1 = LATER THIS SCHOOL YEAR	56	20
		2 = NEXT YEAR	292	136
		3 = WITHIN FIVE YEARS	204	139
		4 = MORE THAN FIVE YEARS FROM NOW	50	60
		5 = UNDECIDED	228	119
		9 = NOT ANSWERED	23	3
		BL= NOT APPLICABLE	3959	1474
TFS027a	65 - 65	20. AT WHICH LEVEL WOULD YOU TEACH?		
		1 = PRE-KINDERGARTEN	45	39
TFS027b	66 - 66	1 = ELEMENTARY (INCLUDING KINDERGARTEN)	391	284
TFS027c	67 - 67	1 = JUNIOR HIGH/MIDDLE SCHOOL	260	116

			UNWEIGHTED FREQUENCIES	
FIELD NAME	LOCATION	CODES = COMMENTS	PUBLIC SCHOOL	PRIVATE SCHOOL
TFS027d	68 - 68	1 = HIGH SCHOOL	357	127
TFS027e	69 - 69	1 = POST-SECONDARY	124	73
TFS028	70 - 70	21A. DO YOU HAVE A "LIFETIME" TEACHING CERTIFICATE?		
		1 = YES	681	175
		2 = NO	861	491
		9 = NOT ANSWERED	11	3
		BL = NOT APPLICABLE	3259	1282
TFS029a	71 - 71	21B. HAS THERE BEEN A CHANGE IN YOUR TEACHER CERTIFICATION STATUS SINCE LAST YEAR?		
		1 = NO CHANGE	724	423
TFS029b	72 - 72	1 = YES-CERTIFICATION HAS LAPSED	44	21
TFS029c	73 - 73	1 = YES-CERTIFICATION HAS BEEN UPGRADED	18	9
TFS029d	74 - 74	1 = YES-CERTIFIED IN A DIFFERENT FIELD	33	8
TFS029e	75 - 75	1 = OTHER CHANGE	36	31
TFS030	76 - 76	22. DO YOU PLAN TO MAINTAIN OR REINSTATE YOUR TEACHING CERTIFICATE?		
		1 = YES	582	260
		2 = NO	148	124
		3 = UNDECIDED	114	88
		9 = NOT ANSWERED	28	22
		BL= NOT APPLICABLE	3940	1457
TFS031	77 - 78	23A. WHAT WAS YOUR MAIN REASON FOR LEAVING THE TEACHING PROFESSION? WAS IT -		
		1 = FAMILY OR PERSONAL MOVE	149	101
		2 = PREGNANCY/CHILD REARING	212	125
		3 = HEALTH	47	14
		4 = TO RETIRE	366	39
		5 = TO PURSUE ANOTHER CAREER	132	68
		6 = FOR BETTER SALARY OR BENEFITS	78	73
		7 = TO TAKE COURSES TO IMPROVE CAREER OPPORTUNITIES IN THE FIELD OF EDUCATION	83	45
		8 = TO TAKE COURSES TO IMPROVE CAREER OPPORTUNITIES OUTSIDE THE FIELD OF EDUCATION	21	18
		9 = SCHOOL STAFFING ACTION (E.G., REDUCTION-IN-FORCE, LAY OFF, SCHOOL CLOSING, SCHOOL REORGANIZATION, REASSIGNMENT)	141	60
		10 = TO TAKE A SABBATICAL OR OTHER BREAK FROM TEACHING	78	25
		11 = DISSATISFIED WITH TEACHING AS A CAREER	156	48
		12 = OTHER FAMILY OR PERSONAL REASON	83	47
		99 = NOT ANSWERED	7	6
		BL = NOT APPLICABLE	3259	1282
TFS032	79 - 79	23B. DID YOU HAVE A SECOND REASON FOR LEAVING?		
		1 = YES	760	295
		2 = NO	793	374
		9 = NOT ANSWERED	0	0

FIELD NAME	LOCATION	CODES = COMMENTS	UNWEIGHTED FREQUENCIES PUBLIC SCHOOL	PRIVATE SCHOOL
		BL = NOT APPLICABLE	3259	1282
TFS033	80 - 81	23B. (1) WHAT WAS YOUR SECOND REASON?		
		1 = FAMILY OR PERSONAL MOVE	49	20
		2 = PREGNANCY/CHILD REARING	27	15
		3 = HEALTH	44	8
		4 = TO RETIRE	35	2
		5 = TO PURSUE ANOTHER CAREER	90	36
		6 = FOR BETTER SALARY OR BENEFITS	107	50
		7 = TO TAKE COURSES TO IMPROVE CAREER OPPORTUNITIES IN THE FIELD OF EDUCATION	40	18
		8 = TO TAKE COURSES TO IMPROVE CAREER OPPORTUNITIES OUTSIDE THE FIELD OF EDUCATION	30	15
		9 = SCHOOL STAFFING ACTION (E.G., REDUCTION-IN-FORCE, LAY OFF, SCHOOL CLOSING, SCHOOL REORGANIZATION, REASSIGNMENT)	38	19
		10 = TO TAKE A SABBATICAL OR OTHER BREAK FROM TEACHING	51	32
		11 = DISSATISFIED WITH TEACHING AS A CAREER	175	42
		12 = OTHER FAMILY OR PERSONAL REASON	73	37
		99 = NOT ANSWERED	1	1
		BL = NOT APPLICABLE	4052	1656
TFS034	82 - 82	23C. DID YOU HAVE A THIRD REASON FOR LEAVING?		
		1 = YES	314	132
		2 = NO	402	154
		9 = NOT ANSWERED	44	9
		BL= NOT APPLICABLE	4052	1656
TFS035	83 - 84	23C. (1) WHAT WAS YOUR THIRD REASON?		
		1 = FAMILY OR PERSONAL MOVE	14	6
		2 = PREGNANCY/CHILD REARING	1	1
		3 = HEALTH	23	4
		4 = TO RETIRE	9	0
		5 = TO PURSUE ANOTHER CAREER	36	19
		6 = FOR BETTER SALARY OR BENEFITS	46	17
		7 = TO TAKE COURSES TO IMPROVE CAREER OPPORTUNITIES IN THE FIELD OF EDUCATION	13	5
		8 = TO TAKE COURSES TO IMPROVE CAREER OPPORTUNITIES OUTSIDE THE FIELD OF EDUCATION	9	9
		9 = SCHOOL STAFFING ACTION (E.G., REDUCTION-IN-FORCE, LAY OFF, SCHOOL CLOSING, SCHOOL REORGANIZATION, REASSIGNMENT)	12	7
		10 = TO TAKE A SABBATICAL OR OTHER BREAK FROM TEACHING	21	8
		11 = DISSATISFIED WITH TEACHING AS A CAREER	87	31
		12 = OTHER FAMILY OR PERSONAL REASON	40	24
		99 = NOT ANSWERED	47	10
		BL = NOT APPLICABLE	4454	1810
TFS036	85 - 85	23D. CHECK ITEM: REASON CODE 11 "DISSATISFIED WITH TEACHING AS A CAREER"		
		1 = YES	412	120
		2 = NO	1093	535
		9 = NOT ANSWERED	48	14
		BL = NOT APPLICABLE	3259	1282
TFS037	86 - 87	23E.		

			UNWEIGHTED FREQUENCIES	
FIELD NAME	LOCATION	CODES = COMMENTS	PUBLIC SCHOOL	PRIVATE SCHOOL
		WHAT WAS YOUR MAIN AREA OF DISSATISFACTION WITH THE TEACHING PROFESSIONS? WAS IT -		
		1 = POOR OPPORTUNITY FOR PROFESSIONAL ADVANCEMENT	34	7
		2 = INADEQUATE SUPPORT FROM ADMINISTRATION	131	32
		3 = UNSAFE WORKING ENVIRONMENT	3	0
		4 = LACK OF INFLUENCE OVER SCHOOL POLICIES AND PRACTICES	44	5
		5 = LACK OF CONTROL OVER OWN CLASSROOM	11	1
		6 = LACK OF PROFESSIONAL COMPETENCE OF COLLEAGUES	7	3
		7 = POOR STUDENT MOTIVATION TO LEARN	75	16
		8 = GENERALLY POOR WORKING CONDITIONS	22	7
		9 = CLASS SIZES TOO LARGE	16	5
		10 = STUDENT DISCIPLINE PROBLEM	37	18
		11 = POOR SALARY	46	25
		99 = NOT ANSWERED	34	15
		BL = NOT APPLICABLE	4352	1817
TFS038	88 - 88	23F. DID YOU HAVE A SECOND AREA OF DISSATISFACTION?		
		1 = YES	387	96
		2 = NO	73	38
		9 = NOT ANSWERED	0	0
		BL= NOT APPLICABLE	4352	1817
TFS039	89 - 90	23F. (1) WHAT WAS YOUR SECOND AREA?		
		1 = FAMILY OR PERSONAL MOVE	23	9
		2 = PREGNANCY/CHILD REARING	62	14
		3 = HEALTH	3	0
		4 = TO RETIRE	59	17
		5 = TO PURSUE ANOTHER CAREER	21	1
		6 = FOR BETTER SALARY OR BENEFITS	17	3
		7 = TO TAKE COURSES TO IMPROVE CAREER OPPORTUNITIES IN THE FIELD OF EDUCATION	54	8
		8 = TO TAKE COURSES TO IMPROVE CAREER OPPORTUNITIES OUTSIDE THE FIELD OF EDUCATION	30	9
		9 = SCHOOL STAFFING ACTION (E.G., REDUCTION-IN-FORCE, LAY OFF SCHOOL CLOSING, SCHOOL REORGANIZATION, REASSIGNMENT)	22	5
		10 = TO TAKE A SABBATICAL OR OTHER BREAK FROM TEACHING	57	14
		11 = DISSATISFIED WITH TEACHING AS A CAREER	39	16
		99 = NOT ANSWERED	0	0
		BL = NOT APPLICABLE	4425	1855
TFS040	91 - 91	23G. DID YOU HAVE A THIRD AREA OF DISSATISFACTION?		
		1 = YES	310	67
		2 = NO	72	28
		9 = NOT ANSWERED	5	1
		BL= NOT APPLICABLE	4425	1855
TFS041	92 - 93	23G. (1) WHAT WAS YOUR THIRD AREA?		
		1 = FAMILY OR PERSONAL MOVE	18	8
		2 = PREGNANCY/CHILD REARING	23	8
		3 = HEALTH	10	1
		4 = TO RETIRE	40	6
		5 = TO PURSUE ANOTHER CAREER	13	3
		6 = FOR BETTER SALARY OR BENEFITS	16	10
		7 = TO TAKE COURSES TO IMPROVE CAREER OPPORTUNITIES		

			UNWEIGHTED FREQUENCIES	
FIELD NAME	LOCATION	CODES = COMMENTS	PUBLIC SCHOOL	PRIVATE SCHOOL
		IN THE FIELD OF EDUCATION	43	7
		8 = TO TAKE COURSES TO IMPROVE CAREER OPPORTUNITIES OUTSIDE THE FIELD OF EDUCATION	31	1
		9 = TO TAKE A SABBATICAL OR OTHER BREAK FROM TEACHING	32	4
		10 = DISSATISFIED WITH TEACHING AS A CAREER	38	6
		11 = OTHER FAMILY OR PERSONAL REASON	45	13
		99 = NOT ANSWERED	6	1
		BL = NOT APPLICABLE	4497	1883
TFS042	94 - 95	24A. WHAT WOULD BE THE MOST EFFECTIVE STEP THAT SCHOOLS MIGHT TAKE TO ENCOURAGE TEACHERS TO REMAIN IN TEACHING? IS IT -		
		1 = PROVIDING HIGHER SALARIES OR BETTER FRINGE BENEFITS	728	327
		2 = IMPROVING OPPORTUNITIES FOR PROFESSIONAL ADVANCEMENT	58	29
		3 = DEALING MORE EFFECTIVELY WITH STUDENT DISCIPLINE AND MAKING SCHOOLS SAFER	169	81
		4 = GIVING TEACHERS MORE AUTHORITY IN THE SCHOOL AND IN THEIR OWN CLASSROOMS	145	48
		5 = INCREASING STANDARDS FOR STUDENTS' ACADEMIC PERFORMANCE	58	21
		6 = PROVIDING BETTER RESOURCES AND MATERIALS FOR CLASSROOM USE	23	11
		7 = DECREASING CLASS SIZE	94	23
		8 = REDUCING THE PAPERWORK BURDEN ON TEACHERS	79	22
		9 = PROVIDING MORE SUPPORT FOR NEW TEACHERS (E.G., MENTOR TEACHER PROGRAMS)	34	20
		10 = INCREASING PARENT INVOLVEMENT IN THE SCHOOLS	30	17
		11 = REDUCING TEACHER WORKLOAD	58	28
		12 = PROVIDING MERIT PAY OR OTHER PAY INCENTIVES TO TEACHERS	33	16
		13 = PROVIDING TEACHER TRAINING IN CONTENT AREAS AND INSTRUCTIONAL METHODS	20	12
		99 = NOT ANSWERED	24	14
		BL = NOT APPLICABLE	3259	1282
TFS043	96 - 97	24B. WHAT WOULD BE THE SECOND MOST EFFECTIVE STEP?		
		1 = PROVIDING HIGHER SALARIES OR BETTER FRINGE BENEFITS	179	80
		2 = IMPROVING OPPORTUNITIES FOR PROFESSIONAL ADVANCEMENT	149	64
		3 = DEALING MORE EFFECTIVELY WITH STUDENT DISCIPLINE AND MAKING SCHOOLS SAFER	187	97
		4 = GIVING TEACHERS MORE AUTHORITY IN THE SCHOOL AND IN THEIR OWN CLASSROOMS	169	59
		5 = INCREASING STANDARDS FOR STUDENTS' ACADEMIC PERFORMANCE	77	44
		6 = PROVIDING BETTER RESOURCES AND MATERIALS FOR CLASSROOM USE	80	24
		7 = DECREASING CLASS SIZE	179	64
		8 = REDUCING THE PAPERWORK BURDEN ON TEACHERS	186	68
		9 = PROVIDING MORE SUPPORT FOR NEW TEACHERS (E.G., MENTOR TEACHER PROGRAMS)	48	30
		10 = INCREASING PARENT INVOLVEMENT IN THE SCHOOLS	67	30
		11 = REDUCING TEACHER WORKLOAD	100	35
		12 = PROVIDING MERIT PAY OR OTHER PAY INCENTIVES TO TEACHERS	54	32
		13 = PROVIDING TEACHER TRAINING IN CONTENT AREAS AND INSTRUCTIONAL METHODS	29	19
		99 = NOT ANSWERED	49	23
		BL = NOT APPLICABLE	3259	1282
TFS044	98 - 99	24C. WHAT WOULD BE THE THIRD MOST EFFECTIVE STEP?		
		1 = PROVIDING HIGHER SALARIES OR BETTER FRINGE BENEFITS	154	69
		2 = IMPROVING OPPORTUNITIES FOR PROFESSIONAL ADVANCEMENT	94	33
		3 = DEALING MORE EFFECTIVELY WITH STUDENT DISCIPLINE AND MAKING SCHOOLS SAFER	165	62
		4 = GIVING TEACHERS MORE AUTHORITY IN THE SCHOOL AND		

FIELD NAME	LOCATION	CODES = COMMENTS	UNWEIGHTED FREQUENCIES PUBLIC SCHOOL	 PRIVATE SCHOOL
		IN THEIR OWN CLASSROOMS	128	48
		5 = INCREASING STANDARDS FOR STUDENTS' ACADEMIC PERFORMANCE	77	38
		6 = PROVIDING BETTER RESOURCES AND MATERIALS FOR CLASSROOM USE	81	33
		7 = DECREASING CLASS SIZE	156	64
		8 = REDUCING THE PAPERWORK BURDEN ON TEACHERS	186	66
		9 = PROVIDING MORE SUPPORT FOR NEW TEACHERS (E.G., MENTOR TEACHER PROGRAMS)	70	31
		10 = INCREASING PARENT INVOLVEMENT IN THE SCHOOLS	91	50
		11 = REDUCING TEACHER WORKLOAD	111	45
		12 = PROVIDING MERIT PAY OR OTHER PAY INCENTIVES TO TEACHERS	67	53
		13 = PROVIDING TEACHER TRAINING IN CONTENT AREAS AND INSTRUCTIONAL METHODS	68	34
		99 = NOT ANSWERED	105	43
		BL = NOT APPLICABLE	3259	1282
TFS045	100 - 100	25. CHECK ITEM: IS YOUR PRIMARY OCCUPATIONAL STATUS "WORKING"?		
		1 = YES	622	319
		2 = NO	892	340
		9 = NOT ANSWERED	39	10
		BL = NOT APPLICABLE	3259	1282
TFS046	101-101	26. HOW WOULD YOU RATE TEACHING RELATIVE TO YOUR CURRENT PRIMARY OCCUPATION IN TERMS OF EACH OF THE FOLLOWING ASPECTS? IS IT (A) BETTER IN TEACHING, (B) BETTER IN CURRENT POSITION, OR (C) NO DIFFERENCE. (1) SALARY		
		1 = BETTER IN TEACHING	228	93
		2 = BETTER IN CURRENT POSITION	236	149
		3 = NO DIFFERENCE	114	65
		9 = NOT ANSWERED	83	22
		BL= NOT APPLICABLE	4151	1622
TFS047	102 - 102	(2) OPPORTUNITIES FOR PROFESSIONAL ADVANCEMENT		
		1 = BETTER IN TEACHING	104	57
		2 = BETTER IN CURRENT POSITION	348	162
		3 = NO DIFFERENCE	121	81
		9 = NOT ANSWERED	88	29
		BL= NOT APPLICABLE	4151	1622
TFS048	103 - 103	(3) RECOGNITION AND SUPPORT FROM ADMINISTRATORS/MANAGERS		
		1 = BETTER IN TEACHING	87	51
		2 = BETTER IN CURRENT POSITION	335	139
		3 = NO DIFFERENCE	143	111
		9 = NOT ANSWERED	96	28
		BL= NOT APPLICABLE	4151	1622
TFS049	104 - 104	(4) SAFETY OF ENVIRONMENT		
		1 = BETTER IN TEACHING	94	37
		2 = BETTER IN CURRENT POSITION	219	90
		3 = NO DIFFERENCE	261	180
		9 = NOT ANSWERED	87	22
		BL= NOT APPLICABLE	4151	1622
TFS050	105 - 105	(5) INFLUENCE OVER WORKPLACE POLICIES AND PRACTICES		
		1 = BETTER IN TEACHING	73	71

FIELD NAME	LOCATION	CODES = COMMENTS	UNWEIGHTED FREQUENCIES PUBLIC SCHOOL	UNWEIGHTED FREQUENCIES PRIVATE SCHOOL
		2 = BETTER IN CURRENT POSITION	398	150
		3 = NO DIFFERENCE	100	84
		9 = NOT ANSWERED	90	24
		BL= NOT APPLICABLE	4151	1622
TFS051	106 - 106	(6) AUTONOMY OR CONTROL OVER YOUR OWN WORK		
		1 = BETTER IN TEACHING	78	67
		2 = BETTER IN CURRENT POSITION	405	162
		3 = NO DIFFERENCE	93	79
		9 = NOT ANSWERED	85	21
		BL= NOT APPLICABLE	4151	1622
TFS052	107 - 107	(7) PROFESSIONAL PRESTIGE		
		1 = BETTER IN TEACHING	145	95
		2 = BETTER IN CURRENT POSITION	322	128
		3 = NO DIFFERENCE	103	83
		9 = NOT ANSWERED	91	23
		BL= NOT APPLICABLE	4151	1622
TFS053	108 - 108	(8) BENEFITS		
		1 = BETTER IN TEACHING	248	99
		2 = BETTER IN CURRENT POSITION	157	116
		3 = NO DIFFERENCE	170	89
		9 = NOT ANSWERED	86	25
		BL= NOT APPLICABLE	4151	1622
TFS054	109 - 109	(9) PROCEDURES FOR PERFORMANCE EVALUATION		
		1 = BETTER IN TEACHING	125	73
		2 = BETTER IN CURRENT POSITION	243	112
		3 = NO DIFFERENCE	192	114
		9 = NOT ANSWERED	101	30
		BL= NOT APPLICABLE	4151	1622
TFS055	110 - 110	(10) MANAGEABILITY OF WORKLOAD		
		1 = BETTER IN TEACHING	108	45
		2 = BETTER IN CURRENT POSITION	349	187
		3 = NO DIFFERENCE	114	71
		9 = NOT ANSWERED	90	26
		BL= NOT APPLICABLE	4151	1622
TFS056	111 - 111	(11) AVAILABILITY OF RESOURCES AND MATERIALS FOR DOING JOB		
		1 = BETTER IN TEACHING	88	45
		2 = BETTER IN CURRENT POSITION	272	144
		3 = NO DIFFERENCE	207	113
		9 = NOT ANSWERED	94	27
		BL= NOT APPLICABLE	4151	1622
TFS057	112 - 112	(12) GENERAL WORK CONDITIONS		
		1 = BETTER IN TEACHING	73	36
		2 = BETTER IN CURRENT POSITION	336	150
		3 = NO DIFFERENCE	164	120
		9 = NOT ANSWERED	88	23
		BL= NOT APPLICABLE	4151	1622
TFS058	113 - 113	(13) JOB SECURITY		

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FIELD NAME	LOCATION	CODES = COMMENTS	UNWEIGHTED FREQUENCIES	
			PUBLIC SCHOOL	PRIVATE SCHOOL
		1 = BETTER IN TEACHING	247	76
		2 = BETTER IN CURRENT POSITION	150	100
		3 = NO DIFFERENCE	176	130
		9 = NOT ANSWERED	88	23
		BL= NOT APPLICABLE	4151	1622
TFS059	114 - 114	(14) PROFESSIONAL CALIBER OF COLLEAGUES		
		1 = BETTER IN TEACHING	144	109
		2 = BETTER IN CURRENT POSITION	199	78
		3 = NO DIFFERENCE	224	116
		9 = NOT ANSWERED	94	26
		BL= NOT APPLICABLE	4151	1622
TFS060	115 - 115	(15) INTELLECTUAL CHALLENGE		
		1 = BETTER IN TEACHING	166	133
		2 = BETTER IN CURRENT POSITION	294	96
		3 = NO DIFFERENCE	133	77
		9 = NOT ANSWERED	88	23
		BL= NOT APPLICABLE	4151	1622
TFS061	116 - 116	(16) OVERALL JOB SATISFACTION		
		1 = BETTER IN TEACHING	123	79
		2 = BETTER IN CURRENT POSITION	356	156
		3 = NO DIFFERENCE	93	71
		9 = NOT ANSWERED	89	23
		BL= NOT APPLICABLE	4151	1622
TFS062	117-117	27. HOW SATISFIED ARE YOU WITH EACH OF THE FOLLOWING ASPECTS OF YOUR CURRENT JOB? ARE YOU (A) VERY SATISFIED, (B) SOMEWHAT SATISFIED, (C) SOMEWHAT DISSATISFIED, OR (D) VERY DISSATISFIED WITH - (1) SALARY		
		1 = VERY SATISFIED	105	65
		2 = SOMEWHAT SATISFIED	279	143
		3 = SOMEWHAT DISSATISFIED	117	70
		4 = VERY DISSATISFIED	78	24
		9 = NOT ANSWERED	82	27
		BL= NOT APPLICABLE	4151	1622
TFS063	118 - 118	(2) BENEFITS		
		1 = VERY SATISFIED	132	82
		2 = SOMEWHAT SATISFIED	240	120
		3 = SOMEWHAT DISSATISFIED	113	51
		4 = VERY DISSATISFIED	91	47
		9 = NOT ANSWERED	85	29
		BL= NOT APPLICABLE	4151	1622
TFS064	119 - 119	(3) OPPORTUNITY FOR PROFESSIONAL ADVANCEMENT		
		1 = VERY SATISFIED	188	91
		2 = SOMEWHAT SATISFIED	260	143
		3 = SOMEWHAT DISSATISFIED	75	42
		4 = VERY DISSATISFIED	46	24
		9 = NOT ANSWERED	92	29
		BL= NOT APPLICABLE	4151	1622

FIELD NAME	LOCATION	CODES = COMMENTS	UNWEIGHTED FREQUENCIES PUBLIC SCHOOL	PRIVATE SCHOOL
TFS065	120 - 120	(4) SUPPORT/RECOGNITION OF ADMINISTRATORS/MANAGERS		
		1 = VERY SATISFIED	249	121
		2 = SOMEWHAT SATISFIED	239	130
		3 = SOMEWHAT DISSATISFIED	51	33
		4 = VERY DISSATISFIED	23	15
		9 = NOT ANSWERED	99	30
		BL= NOT APPLICABLE	4151	1622
TFS066	121 - 121	(5) SAFETY OF ENVIRONMENT		
		1 = VERY SATISFIED	305	174
		2 = SOMEWHAT SATISFIED	224	114
		3 = SOMEWHAT DISSATISFIED	38	15
		4 = VERY DISSATISFIED	13	2
		9 = NOT ANSWERED	81	24
		BL= NOT APPLICABLE	4151	1622
TFS067	122 - 122	(6) YOUR INFLUENCE OVER WORK POLICIES AND PRACTICES		
		1 = VERY SATISFIED	232	120
		2 = SOMEWHAT SATISFIED	258	128
		3 = SOMEWHAT DISSATISFIED	61	46
		4 = VERY DISSATISFIED	0	8
		9 = NOT ANSWERED	89	27
		BL= NOT APPLICABLE	4151	1622
TFS068	123 - 123	(7) AUTONOMY OR CONTROL OVER YOUR OWN WORK		
		1 = VERY SATISFIED	325	169
		2 = SOMEWHAT SATISFIED	207	105
		3 = SOMEWHAT DISSATISFIED	37	21
		4 = VERY DISSATISFIED	10	10
		9 = NOT ANSWERED	82	24
		BL= NOT APPLICABLE	4151	1622
TFS069	124 - 124	(8) PROFESSIONAL CALIBER OF COLLEAGUES		
		1 = VERY SATISFIED	260	111
		2 = SOMEWHAT SATISFIED	225	121
		3 = SOMEWHAT DISSATISFIED	68	46
		4 = VERY DISSATISFIED	19	20
		9 = NOT ANSWERED	89	31
		BL= NOT APPLICABLE	4151	1622
TFS070	125 - 125	(9) THE ESTEEM OF SOCIETY FOR YOUR PROFESSION		
		1 = VERY SATISFIED	184	89
		2 = SOMEWHAT SATISFIED	220	130
		3 = SOMEWHAT DISSATISFIED	116	63
		4 = VERY DISSATISFIED	56	23
		9 = NOT ANSWERED	85	24
		BL= NOT APPLICABLE	4151	1622
TFS071	126 - 126	(10) PROCEDURES FOR EVALUATING YOUR PERFORMANCE		
		1 = VERY SATISFIED	176	94
		2 = SOMEWHAT SATISFIED	284	148
		3 = SOMEWHAT DISSATISFIED	82	42
		4 = VERY DISSATISFIED	21	15
		9 = NOT ANSWERED	98	30
		BL= NOT APPLICABLE	4151	1622

FIELD NAME	LOCATION	CODES = COMMENTS	UNWEIGHTED FREQUENCIES PUBLIC SCHOOL	UNWEIGHTED FREQUENCIES PRIVATE SCHOOL
TFS072	127 - 127	(11) WORKLOAD		
		1 = VERY SATISFIED	209	123
		2 = SOMEWHAT SATISFIED	256	139
		3 = SOMEWHAT DISSATISFIED	89	35
		4 = VERY DISSATISFIED	23	9
		9 = NOT ANSWERED	84	23
		BL= NOT APPLICABLE	4151	1622
TFS073	128 - 128	(12) AVAILABILITY OF RESOURCES AND MATERIALS/EQUIPMENT FOR DOING JOB		
		1 = VERY SATISFIED	235	141
		2 = SOMEWHAT SATISFIED	255	127
		3 = SOMEWHAT DISSATISFIED	69	30
		4 = VERY DISSATISFIED	15	7
		9 = NOT ANSWERED	87	24
		BL= NOT APPLICABLE	4151	1622
TFS074	129 - 129	(13) GENERAL WORKING CONDITIONS		
		1 = VERY SATISFIED	297	157
		2 = SOMEWHAT SATISFIED	241	129
		3 = SOMEWHAT DISSATISFIED	34	16
		4 = VERY DISSATISFIED	8	4
		9 = NOT ANSWERED	81	23
		BL= NOT APPLICABLE	4151	1622
TFS075	130 - 130	(14) JOB SECURITY		
		1 = VERY SATISFIED	205	125
		2 = SOMEWHAT SATISFIED	249	120
		3 = SOMEWHAT DISSATISFIED	78	40
		4 = VERY DISSATISFIED	44	19
		9 = NOT ANSWERED	85	25
		BL= NOT APPLICABLE	4151	1622
TFS076	131 - 131	(15) INTELLECTUAL CHALLENGE		
		1 = VERY SATISFIED	270	119
		2 = SOMEWHAT SATISFIED	199	106
		3 = SOMEWHAT DISSATISFIED	77	55
		4 = VERY DISSATISFIED	29	25
		9 = NOT ANSWERED	86	24
		BL= NOT APPLICABLE	4151	1622
TFS077	132 - 132	28. WHAT IS YOUR CURRENT MARITAL STATUS?		
		1 = MARRIED	1173	482
		2 = WIDOWED, DIVORCED, OR SEPARATED	184	45
		3 = NEVER MARRIED	184	138
		9 = NOT ANSWERED	12	4
		BL = NOT APPLICABLE	3259	1282
TFS078	133 - 134	29. HOW MANY CHILDREN DO YOU HAVE WHO ARE DEPENDENT ON YOU (AND YOUR SPOUSE) FOR MORE THAN HALF OF THEIR FINANCIAL SUPPORT?		
		0 - 20 = NUMBER OF CHILDREN		
		Maximum	9	7

FIELD NAME	LOCATION	CODES = COMMENTS	UNWEIGHTED FREQUENCIES PUBLIC SCHOOL	PRIVATE SCHOOL
		Minimum	0	0
		Mean	0.961	1.093
		Standard Dev	1.205	1.279
		99 = NOT ANSWERED	18	11
		BL = NOT APPLICABLE	3259	1282
TFS079	135 - 136	30. WHAT WAS THE AGE OF YOUR YOUNGEST CHILD ON HIS/HER BIRTHDAY?		
		0 - 60 = YEARS		
		Maximum	35	32
		Minimum	0	0
		Mean	7.077	6.394
		Standard Dev	7.179	6.411
		99 = NOT ANSWERED	23	10
		BL = NOT APPLICABLE	4032	1588
TFS080	137 - 137	31. DO YOU HAVE PERSONS OTHER THAN YOUR SPOUSE OR CHILDREN WHO ARE DEPENDENT ON YOU FOR MORE THAN HALF OF THEIR FINANCIAL SUPPORT?		
		1 = YES	41	21
		2 = NO	1484	633
		9 = NOT ANSWERED	28	15
		BL = NOT APPLICABLE	3259	1282
TFS081	138 - 139	HOW MANY PERSONS?		
		0 - 20 = PERSONS		
		Maximum	3	5
		Minimum	1	1
		Mean	1.316	1.474
		Standard Dev	0.619	0.964
		99 = NOT ANSWERED	31	17
		BL = NOT APPLICABLE	4743	1915
TFS082	140 - 141	32. WHICH CATEGORY REPRESENTS THE TOTAL COMBINED INCOME OF ALL FAMILY MEMBERS IN YOUR HOUSEHOLD DURING 1988? THIS INCLUDES MONEY FROM JOBS, NET BUSINESS OR FARM INCOME, PENSIONS, DIVIDENDS, INTEREST, RENT, SOCIAL SECURITY PAYMENTS, AND ANY OTHER INCOME RECEIVED BY FAMILY MEMBERS IN YOUR HOUSEHOLD WHO ARE 14 YEARS OF AGE OR OLDER. IS IT -		
		1 = LESS THAN $10,000	22	39
		2 = $10,000-$14,999	60	67
		3 = $15,000-$19,999	96	58
		4 = $20,000-$24,999	121	53
		5 = $25,000-$29,999	163	57
		6 = $30,000-$34,999	172	68
		7 = $35,000-39,999	158	67
		8 = $40,000-49,999	224	82
		9 = $50,000-$59,999	188	50
		10 = $60,000-$74,999	139	42
		11 = $75,000-$99,999	86	15
		12 = $100,000 OR MORE	45	21
		99 = NOT ANSWERED	79	50

FIELD NAME	LOCATION	CODES = COMMENTS	UNWEIGHTED FREQUENCIES PUBLIC SCHOOL	PRIVATE SCHOOL
		BL = NOT APPLICABLE	3259	1282
BLANK	142 - 143	BLANK		
BLANK	144 - 146	BLANK		
CURRENT TEACHER QUESTIONNAIRE				
TFS104	147 - 147	1. OF THE FOLLOWING, WHICH IS YOUR CURRENT (1988-89) PRIMARY STATUS AND WHICH, IF ANY, IS YOUR CURRENT SECONDARY STATUS? PRIMARY AND SECONDARY STATUS IS DEFINED IN TERMS OF THE AMOUNT OF TIME YOU SPEND ON EACH DURING THE NORMAL WORK WEEK. IF YOUR TIME IS EQUALLY DIVIDED BETWEEN TWO OCCUPATIONS OR ACTIVITIES, E.G., YOU ARE RETIRED BUT HAVE RETURNED HALF TIME TO TEACHING, LIST EITHER ONE AS PRIMARY AND THE OTHER AS SECONDARY.		
		PRIMARY STATUS		
		1 = TEACHING IN AN ELEMENTARY OR SECONDARY SCHOOL	2918	1131
		2 = WORKING IN AN ELEM. OR SECOND. SCHOOL OTHER THAN TEACHING	50	21
		3 = WORKING IN AN OCCUPATION OUTSIDE OF ELEM. OR SECON. EDUCATION	6	9
		4 = ATTENDING A COLLEGE OR UNIVERSITY	4	4
		5 = HOMEMAKING AND/OR CHILD REARING	29	23
		6 = RETIRED	3	2
		7 = OTHER	0	0
		9 = NOT ANSWERED	249	92
		BL = NOT APPLICABLE	1553	669
TFS105	148 - 148	SECONDARY STATUS		
		1 = TEACHING IN AN ELEMENTARY OR SECONDARY SCHOOL	85	54
		2 = WORKING IN AN ELEM. OR SECOND. SCHOOL OTHER THAN TEACHING	121	70
		3 = WORKING IN AN OCCUPATION OUTSIDE OF ELEM.OR SECON. EDUCATION	124	46
		4 = ATTENDING A COLLEGE OR UNIVERSITY	171	64
		5 = HOMEMAKING AND/OR CHILD REARING	570	225
		6 = RETIRED	7	1
		7 = OTHER	62	27
		BL= NOT APPLICABLE	0	0
TFS106	149 - 149	CHECK HERE IF TIME IS EQUALLY DIVIDED BETWEEN PRIMARY AND SECONDARY STATUS		
		1 = TIME EQUALLY DIVIDED	153	73
		BL= NOT APPLICABLE	0	0
TFS107	150 - 150	2. WHICH OF THE FOLLOWING CATEGORIES DESCRIBES YOUR POSITION AS A (1988-89) SCHOOL EMPLOYEE?		
		1 = FULL-TIME EMPLOYEE	3081	1109
		2 = 3/4 TIME OR MORE, BUT LESS THAN FULL-TIME EMPLOYEE	36	39
		3 = 1/2 TIME OR MORE, BUT LESS THAN 3/4 TIME EMPLOYEE	87	81
		4 = 1/4 TIME OR MORE, BUT LESS THAN 1/2 TIME EMPLOYEE	24	35
		5 = LESS THAN 1/4 TIME EMPLOYEE	25	12
		9 = NOT ANSWERED	6	6
		BL = NOT APPLICABLE	1553	669
TFS108	151 - 151	3A. WHICH OF THE FOLLOWING CATEGORIES DESCRIBES YOUR POSITION AS A (1988-89) TEACHER AT YOUR SCHOOL?		
		1 = FULL-TIME TEACHER	3023	1077

			UNWEIGHTED FREQUENCIES	
FIELD NAME	LOCATION	CODES = COMMENTS	PUBLIC SCHOOL	PRIVATE SCHOOL
		2 = 3/4 TIME OR MORE, BUT LESS THAN FULL-TIME TEACHER	53	48
		3 = 1/2 TIME OR MORE, BUT LESS THAN 3/4 TIME TEACHER	108	94
		4 = 1/4 TIME OR MORE, BUT LESS THAN 1/2 TIME TEACHER	32	40
		5 = LESS THAN 1/4 TIME TEACHER	41	19
		9 = NOT ANSWERED	2	4
		BL = NOT APPLICABLE	1553	669
TFS109	152 - 152	3B. WHICH OF THE FOLLOWING CATEGORIES BEST DESCRIBES YOUR (1988-89) TEACHING ASSIGNMENT?		
		1 = REGULAR FULL-TIME OR PART-TIME TEACHER	3022	1191
		2 = ITINERANT TEACHER	170	43
		3 = LONG TERM SUBSTITUTE	55	37
		9 = NOT ANSWERED	12	11
		BL = NOT APPLICABLE	1553	669
TFS110	153 - 153	4. IF YOU ARE A FULL-TIME SCHOOL OR DISTRICT EMPLOYEE WITH LESS THAN A FULL-TIME TEACHING ASSIGNMENT, WHICH OF THE FOLLOWING CATEGORIES BEST DESCRIBES YOUR OTHER SCHOOL ASSIGNMENT?		
		1 = ADMINISTRATOR	27	35
		2 = NONTEACHING SPECIALIST	27	17
		3 = RESOURCE PERSON FOR OTHER TEACHERS	63	19
		4 = SUPPORT STAFF	6	6
		5 = COACH	54	18
		6 = OTHER	36	24
		9 = NOT ANSWERED	3046	1163
		BL = NOT APPLICABLE	1553	669
TFS111	154 - 155	5A. WHAT IS YOUR CURRENT (1988-1989) PRIMARY TEACHING ASSIGNMENT FIELD AT THIS SCHOOL, THAT IS, THE FIELD IN WHICH YOU TEACH THE MOST CLASSES?		
		1 = PRE-KINDERGARTEN	17	22
		2 = KINDERGARTEN	159	78
		3 = GENERAL ELEMENTARY	963	493
		SPECIAL AREAS		
		4 = ART	88	37
		5 = BASIC SKILLS AND REMEDIAL EDUCATION	32	14
		6 = BILINGUAL EDUCATION	18	5
		7 = BUSINESS EDUCATION	42	4
		8 = COMPUTER SCIENCE	18	12
		9 = ENGLISH/LANGUAGE ARTS	214	93
		10 = ENGLISH AS A SECOND LANGUAGE	26	1
		11 = FOREIGN LANGUAGE	61	43
		12 = GIFTED	31	5
		13 = HEALTH, PHYSICAL EDUCATION	156	50
		14 = HOME ECONOMICS	51	8
		15 = INDUSTRIAL ARTS	36	66
		16 = MATHEMATICS	200	47
		17 = MUSIC	156	26
		18 = READING	70	31
		19 = RELIGION/PHILOSOPHY	0	0
		20 = SOCIAL STUDIES/SOCIAL SCIENCE	163	69
		SCIENCE		
		21 = BIOLOGY	55	20
		22 = CHEMISTRY	19	8

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			UNWEIGHTED FREQUENCIES	
FIELD NAME	LOCATION	CODES = COMMENTS	PUBLIC SCHOOL	PRIVATE SCHOOL
		23 = EARTH SCIENCE/GEOLOGY	29	10
		24 = PHYSICS	9	6
		25 = GENERAL AND ALL OTHER SCIENCE	79	31
		SPECIAL EDUCATION		
		26 = MENTALLY RETARDED	77	13
		27 = EMOTIONALLY DISTURBED	57	24
		28 = LEARNING DISABLED	204	29
		29 = SPEECH AND HEARING IMPAIRED	56	8
		30 = OTHER SPECIAL EDUCATION	48	10
		31 = VOCATIONAL EDUCATION	67	3
		32 = ALL OTHERS	54	14
		99 = NOT ANSWERED	4	2
TFS112	156 - 156	TEACHING SCHEDULE EQUALLY DIVIDED ACROSS TWO FIELDS		
		1 = SCHEDULE EQUALLY DIVIDED	94	61
		BL= NOT APPLICABLE	0	0
TFS113	157 - 157	5B. DO YOU HAVE A SECONDARY TEACHING ASSIGNMENT FIELD AT THIS SCHOOL, THAT IS, ARE SOME OF YOUR CLASSES IN OTHER FIELDS?		
		1 = YES	577	335
		2 = NO	2632	924
		9 = NOT ANSWERED	50	23
		BL = NOT APPLICABLE	1553	669
TFS114	158 - 159	IN WHAT FIELD DO YOU TEACH THE SECOND MOST CLASSES?		
		1 = PRE-KINDERGARTEN	1	6
		2 = KINDERGARTEN	5	6
		3 = GENERAL ELEMENTARY	13	13
		SPECIAL AREAS		
		4 = ART	10	6
		5 = BASIC SKILLS AND REMEDIAL EDUCATION	14	7
		6 = BILINGUAL EDUCATION	3	1
		7 = BUSINESS EDUCATION	6	3
		8 = COMPUTER SCIENCE	22	12
		9 = ENGLISH/LANGUAGE ARTS	49	29
		10 = ENGLISH AS A SECOND LANGUAGE	4	2
		11 = FOREIGN LANGUAGE	27	7
		12 = GIFTED	12	1
		13 = HEALTH, PHYSICAL EDUCATION	56	25
		14 = HOME ECONOMICS	4	2
		15 = INDUSTRIAL ARTS	2	1
		16 = MATHEMATICS	43	28
		17 = MUSIC	5	10
		18 = READING	35	22
		19 = RELIGION/PHILOSOPHY	1	27
		20 = SOCIAL STUDIES/SOCIAL SCIENCE	33	33
		SCIENCE		
		21 = BIOLOGY	21	7
		22 = CHEMISTRY	17	6
		23 = EARTH SCIENCE/GEOLOGY	12	5
		24 = PHYSICS	15	4
		25 = GENERAL AND ALL OTHER SCIENCE	34	30
		SPECIAL EDUCATION		
		26 = MENTALLY RETARDED	10	5
		27 = EMOTIONALLY DISTURBED	118	4

FIELD NAME	LOCATION	CODES = COMMENTS	UNWEIGHTED FREQUENCIES PUBLIC SCHOOL	 PRIVATE SCHOOL
		28 = LEARNING DISABLED	24	9
		29 = SPEECH AND HEARING IMPAIRED	3	1
		30 = OTHER SPECIAL EDUCATION	16	3
		31 = VOCATIONAL EDUCATION	7	1
		32 = ALL OTHERS	53	17
		99 = NOT ASCERTAINABLE	52	25
		BL = NOT APPLICABLE	4185	1593
TFS115	160 - 160	6A. (1) DO YOU HAVE A TEACHING CERTIFICATE IN THIS STATE IN YOUR PRIMARY ASSIGNMENT FIELD?		
		1 = YES	3142	927
		2 = NO	112	345
		9 = NOT ANSWERED	5	10
		BL = NOT APPLICABLE	1553	669
TFS116	161 - 161	6B. (1) WHAT TYPE OF CERTIFICATION DO YOU HOLD IN YOUR PRIMARY ASSIGNMENT FIELD? IS IT -		
		1 = REGULAR OR STANDARD STATE CERTIFICATION	2527	657
		2 = PROBATIONARY CERTIFICATION	131	32
		3 = TEMPORARY, PROVISIONAL, OR EMERGENCY CERTIFICATION	256	132
		4 = FULL CERTIFICATION - ACCRED./CERTIFIED BY BODY OTHER THAN STATE	45	57
		9 = NOT ANSWERED	188	59
		BL= NOT APPLICABLE	1665	1014
TFS117	162 - 162	6C. (1) WAS THIS CERTIFICATE GRANTED WITHIN THE LAST YEAR?		
		1 = YES	380	192
		2 = NO	2668	705
		9 = NOT ANSWERED	99	40
		BL= NOT APPLICABLE	1665	1014
TFS118	163 - 163	6A. (2) DO YOU HAVE A TEACHING CERTIFICATE IN THIS STATE IN YOUR SECONDARY ASSIGNMENT FIELD, IF ANY?		
		1 = YES	406	137
		2 = NO	152	183
		9 = NOT ANSWERED	69	38
		BL= NOT APPLICABLE	4185	1593
TFS119	164 - 164	6B. (2) WHAT TYPE OF CERTIFICATION DO YOU HOLD IN YOUR SECONDARY ASSIGNMENT FIELD?		
		1 = REGULAR OR STANDARD STATE CERTIFICATION	315	90
		2 = PROBATIONARY CERTIFICATION	16	3
		3 = TEMPORARY, PROVISIONAL, OR EMERGENCY CERTIFICATION	34	14
		4 = FULL CERTIFICATION - ACCRED./CERTIFIED BY BODY OTHER THAN STATE	13	18
		9 = NOT ANSWERED	97	50
		BL= NOT APPLICABLE	4337	1776
TFS120	165 - 165	6C. (2) WAS THIS CERTIFICATE GRANTED WITHIN THE LAST YEAR?		
		1 = YES	63	29
		2 = NO	333	101
		9 = NOT ANSWERED	79	45
		BL= NOT APPLICABLE	4337	1776

FIELD NAME	LOCATION	CODES = COMMENTS	UNWEIGHTED FREQUENCIES	
			PUBLIC SCHOOL	PRIVATE SCHOOL
TFS121a	166 - 166	7. IN WHAT GRADE LEVELS ARE THE STUDENTS IN YOUR CLASSES AT THIS SCHOOL?		
		0 =	4708	1872
		1 = PRE-KINDERGARTEN	96	76
		9 = NOT ANSWERED	8	3
TFS121b	167 - 167	0 =	4294	1730
		1 = KINDERGARTEN	510	218
		9 = NOT ANSWERED	8	3
TFS121c	168 - 168	0 =	4109	1656
		1 = 1ST GRADE	695	292
		9 = NOT ANSWERED	8	3
TFS121d	169 - 169	0 =	4098	1649
		1 = 2ND GRADE	706	299
		9 = NOT ANSWERED	8	3
TFS121e	170 - 170	0 =	4098	1640
		1 = 3RD GRADE	706	308
		9 = NOT ANSWERED	8	3
TFS121f	171 - 171	0 =	4100	1626
		1 = 4TH GRADE	704	322
		9 = NOT ANSWERED	8	3
TFS122a	172 - 172	0 =	4092	1619
		1 = 5TH GRADE	712	329
		9 = NOT ANSWERED	8	3
TFS122b	173 - 173	0 =	4103	1620
		1 = 6TH GRADE	701	328
		9 = NOT ANSWERED	8	3
TFS122c	174 - 174	0 =	4142	1601
		1 = 7TH GRADE	662	347
		9 = NOT ANSWERED	8	3
TFS123	175 - 176	0 =	2548	927
		1 = 8TH GRADE	703	352
		9 = NOT ANSWERED	8	3
		BL = NOT APPLICABLE	1553	669
TFS124	177 - 178	0 =	2369	1001
		1 = 9TH GRADE	882	278
		9 = NOT ANSWERED	8	3
		BL = NOT APPLICABLE	1553	669
TFS125	179 - 180	0 =	2358	996
		1 = 10TH GRADE	893	283
		9 = NOT ANSWERED	8	3
		BL = NOT APPLICABLE	1553	669
TFS126	181 - 182	0 =	2363	1006
		1 = 11TH GRADE	888	273
		9 = NOT ANSWERED	8	3
		BL = NOT APPLICABLE	1553	669
TFS127	183 - 184	0 =	2376	1010
		1 = 12TH GRADE	875	269
		9 = NOT ANSWERED	8	3

			UNWEIGHTED FREQUENCIES	
FIELD NAME	LOCATION	CODES = COMMENTS	PUBLIC SCHOOL	PRIVATE SCHOOL
		BL = NOT APPLICABLE	1553	669
TFS128	185 - 186	0 =	3228	1274
		1 = 13TH GRADE	23	5
		9 = NOT ANSWERED	8	3
		BL = NOT APPLICABLE	1553	669
TFS129	187 - 188	0 =	3233	1279
		1 = 14TH GRADE	0	18
		9 = NOT ANSWERED	8	3
		BL = NOT APPLICABLE	1553	669
TFS130	189 - 190	0 =	3157	1251
		1 = UNGRADED	94	28
		9 = NOT ANSWERED	8	3
		BL = NOT APPLICABLE	1553	669
TFS131	191 - 192	8. WHICH OF THE FOLLOWING BEST DESCRIBES THE COMMUNITY IN WHICH YOUR PRESENT (1988-89) SCHOOL IS LOCATED?		
		1 = A RURAL OR FARMING COMMUNITY	788	151
		2 = SMALL CITY/TOWN < 50,000 PEOPLE NOT A SUBURB OF A LARGER CITY	895	262
		3 = A MEDIUM-SIZED CITY (50,000 TO 100,000 PEOPLE)	399	177
		4 = A SUBURB OF A MEDIUM-SIZED CITY	139	58
		5 = A LARGE CITY (100,000 TO 500,000 PEOPLE)	384	216
		6 = A SUBURB OF A LARGE CITY	271	145
		7 = A VERY LARGE CITY (OVER 500,000 PEOPLE)	188	147
		8 = A SUBURB OF A VERY LARGE CITY	150	106
		9 = A MILITARY BASE OR STATION	7	2
		10 = AN INDIAN RESERVATION	6	0
		99 = NOT ANSWERED	32	18
		BL = NOT APPLICABLE	1553	669
TFS132	193 - 193	9. ARE YOU CURRENTLY TEACHING IN THE SAME SCHOOL AS YOU WERE LAST YEAR (1987-88) WHEN YOU COMPLETED THE TEACHER SURVEY?		
		1 = YES	2075	715
		2 = NO	1180	565
		9 = NOT ANSWERED	4	2
		BL = NOT APPLICABLE	1553	669
TFS133	194 - 194	10. ARE YOU CURRENTLY TEACHING IN THE SAME STATE AS YOU WERE LAST YEAR (1987-88) WHEN YOU COMPLETED THE TEACHER SURVEY?		
		1 = YES	982	417
		2 = NO	197	148
		9 = NOT ANSWERED	5	2
		BL= NOT APPLICABLE	3628	1384
TFS134	195 - 196	IN WHICH STATE OR COUNTRY ARE YOU TEACHING NOW?		
		01 = Alabama	5	5
		02 = Alaska	2	0
		04 = Arizona	11	0
		05 = Arkansas	1	3
		06 = California	11	10
		08 = Colorado	1	4
		09 = Connecticut	0	3
		10 = Delaware	1	1
		11 = District of		

FIELD NAME	LOCATION	CODES = COMMENTS	UNWEIGHTED FREQUENCIES PUBLIC SCHOOL	PRIVATE SCHOOL
		Columbia	1	1
		12 = Florida	13	3
		13 = Georgia	6	5
		15 = Hawaii	4	0
		16 = Idaho	1	0
		17 = Illinois	3	5
		18 = Indiana	1	5
		19 = Iowa	7	4
		20 = Kansas	2	2
		21 = Kentucky	2	0
		22 = Louisiana	7	1
		23 = Maine	2	0
		24 = Maryland	2	5
		25 = Massachusetts	3	5
		26 = Michigan	1	3
		27 = Minnesota	8	3
		28 = Mississippi	2	0
		29 = Missouri	5	3
		30 = Montana	1	1
		31 = Nebraska	2	1
		32 = Nevada	2	0
		33 = New Hampshire	1	3
		34 = New Jersey	3	4
		35 = New Mexico	3	2
		36 = New York	4	12
		37 = North Carolina	5	2
		38 = North Dakota	1	0
		39 = Ohio	6	9
		40 = Oklahoma	4	1
		41 = Oregon	1	2
		42 = Pennsylvania	4	11
		44 = Rhode Island	0	1
		45 = South Carolina	4	0
		46 = South Dakota	1	1
		47 = Tennessee	1	0
		48 = Texas	14	12
		49 = Utah	2	0
		50 = Vermont	6	0
		51 = Virginia	9	3
		53 = Washington	3	3
		54 = West Virginia	2	0
		55 = Wisconsin	3	2
		56 = Wyoming	4	0
		59 = Outside of U.S.	0	0
		99 = NOT ANSWERED	14	9
		BL = NOT APPLICABLE	4610	1801
TFS135	197 - 197	11. WHICH OF THE FOLLOWING BEST DESCRIBES YOUR MOVE FROM LAST YEAR'S (1987-88) SCHOOL TO THIS YEAR'S (1988-89) SCHOOL?		
		1 = MOVED FROM ONE PUBLIC SCHOOL TO ANOTHER IN SAME SCHOOL DISTRICT	523	3
		2 = MOVED FROM ONE PUBLIC SCH. DISTR. TO ANOTHER PUBLIC SCH. DISTR.	588	11
		3 = MOVED FROM A PRIVATE SCHOOL TO A PUBLIC SCHOOL	6	265
		4 = MOVED FROM ONE PRIVATE SCHOOL TO ANOTHER PRIVATE SCHOOL	0	274
		5 = MOVED FROM A PUBLIC SCHOOL TO A PRIVATE SCHOOL	48	6
		9 = NOT ANSWERED	19	8
		BL= NOT APPLICABLE	3628	1384
TFS136	198 - 198	12. IS THE PRIVATE SCHOOL IN WHICH YOU CURRENTLY (1988-89) TEACH AFFILIATED WITH THE ROMAN CATHOLIC CHURCH OR ANOTHER RELIGIOUS ORGANIZATION, OR IS IT NON-RELIGIOUS?		

FIELD NAME	LOCATION	CODES = COMMENTS	UNWEIGHTED FREQUENCIES PUBLIC SCHOOL	UNWEIGHTED FREQUENCIES PRIVATE SCHOOL
		1 = RELIGIOUS - ROMAN CATHOLIC	15	113
		2 = RELIGIOUS - NON-ROMAN CATHOLIC	14	104
		3 = NON-RELIGIOUS	21	69
		9 = NOT ANSWERED	17	2
		BL= NOT APPLICABLE	4745	1663
TFS137	199 - 199	13A. WHAT WAS YOUR MAIN REASON FOR LEAVING THE SCHOOL IN WHICH YOU TAUGHT LAST YEAR (1987-88)? IS IT -		
		1 = FAMILY OR PERSONAL MOVE	387	160
		2 = FOR BETTER SALARY OR BENEFITS	91	169
		3 = FOR A BETTER TEACHING ASSIGNMENT	196	63
		4 = SCHOOL STAFFING ACTION	368	88
		5 = DISSATISFIED WITH THE PREVIOUS SCHOOL	123	80
		9 = NOT ANSWERED	19	7
		BL= NOT APPLICABLE	3628	1384
TFS138	200 - 200	13B. DID YOUR HAVE A SECOND REASON FOR LEAVING?		
		1 = YES	361	237
		2 = NO	822	330
		9 = NOT ANSWERED	567	1
		BL= NOT APPLICABLE	3628	1384
TFS139	201 - 201	WHAT WAS YOUR SECOND REASON?		
		1 = FAMILY OR PERSONAL MOVE	57	28
		2 = FOR BETTER SALARY OR BENEFITS	71	90
		3 = FOR A BETTER TEACHING ASSIGNMENT	102	52
		4 = SCHOOL STAFFING ACTION	24	14
		5 = DISSATISFIED WITH THE PREVIOUS SCHOOL	104	52
		9 = NOT ANSWERED	4	1
		BL= NOT APPLICABLE	4450	1714
TFS140	202 - 202	13C. DID YOU HAVE A THIRD REASON FOR LEAVING?		
		1 = YES	116	79
		2 = NO	228	146
		9 = NOT ANSWERED	18	12
		BL= NOT APPLICABLE	4450	1714
TFS141	203 - 203	WHAT WAS YOUR THIRD REASON?		
		1 = FAMILY OR PERSONAL MOVE	21	14
		2 = FOR BETTER SALARY OR BENEFITS	15	15
		3 = FOR A BETTER TEACHING ASSIGNMENT	38	27
		4 = SCHOOL STAFFING ACTION	6	3
		5 = DISSATISFIED WITH THE PREVIOUS SCHOOL	35	19
		9 = NOT ANSWERED	19	13
		BL= NOT APPLICABLE	4678	1860
TFS142	204 - 204	13D. CHECK ITEM - REASON CODE 5 "DISSATISFIED WITH THE PREVIOUS SCHOOL" SELECTED FOR ANY OF ITEMS 13A, B, OR C?		
		1 = YES	265	153
		2 = NO	878	401
		9 = NOT ANSWERED	41	13
		BL= NOT APPLICABLE	3628	1384

FIELD NAME	LOCATION	CODES = COMMENTS	UNWEIGHTED FREQUENCIES PUBLIC SCHOOL	UNWEIGHTED FREQUENCIES PRIVATE SCHOOL
TFS143	205 - 206	13E. WHAT WAS YOUR MAIN AREA OF DISSATISFACTION WITH TEACHING IN YOUR PREVIOUS (1987-88) SCHOOL? WAS IT -		
		1 = POOR OPPORTUNITY FOR PROFESSIONAL ADVANCEMENT	23	13
		2 = INADEQUATE SUPPORT FROM ADMINISTRATION	130	70
		3 = UNSAFE WORKING ENVIRONMENT	4	0
		4 = LACK OF INFLUENCE OVER SCHOOL POLICIES AND PRACTICES	13	6
		5 = LACK OF CONTROL OVER OWN CLASSROOM	17	14
		6 = LACK OF PROFESSIONAL COMPETENCE OF COLLEAGUES	20	2
		7 = POOR STUDENT MOTIVATION TO LEARN	23	7
		8 = GENERALLY POOR WORKING CONDITIONS	16	1
		9 = CLASS SIZES TOO LARGE	10	5
		10 = STUDENT DISCIPLINE PROBLEMS	10	34
		11 = POOR SALARY	0	0
		99 = NOT ANSWERED	37	14
		BL = NOT APPLICABLE	4506	1785
TFS144	207 - 207	13F. DID YOU HAVE A SECOND AREA OF DISSATISFACTION?		
		1 = YES	214	124
		2 = NO	92	42
		9 = NOT ANSWERED	0	0
		BL= NOT APPLICABLE	4506	1785
TFS145	208 - 209	WHAT WAS YOUR SECOND AREA?		
		1 = POOR OPPORTUNITY FOR PROFESSIONAL ADVANCEMENT	18	19
		2 = INADEQUATE SUPPORT FROM ADMINISTRATION	40	24
		3 = UNSAFE WORKING ENVIRONMENT	8	2
		4 = LACK OF INFLUENCE OVER SCHOOL POLICIES AND PRACTICES	30	23
		5 = LACK OF CONTROL OVER OWN CLASSROOM	0	2
		6 = LACK OF PROFESSIONAL COMPETENCE OF COLLEAGUES	25	11
		7 = POOR STUDENT MOTIVATION TO LEARN	23	4
		8 = GENERALLY POOR WORKING CONDITIONS	15	8
		9 = CLASS SIZES TOO LARGE	14	2
		10 = STUDENT DISCIPLINE PROBLEMS	30	14
		11 = POOR SALARY	9	15
		99 = NOT ANSWERED	124	2
		BL = NOT APPLICABLE	4598	1827
TFS146	210 - 210	13G. DID YOU HAVE A THIRD AREA OF DISSATISFACTION?		
		1 = YES	132	90
		2 = NO	77	32
		9 = NOT ANSWERED	5	2
		BL= NOT APPLICABLE	4598	1827
TFS147	211 - 212	WHAT WAS YOUR THIRD AREA?		
		1 = POOR OPPORTUNITY FOR PROFESSIONAL ADVANCEMENT	11	8
		2 = INADEQUATE SUPPORT FROM ADMINISTRATION	15	8
		3 = UNSAFE WORKING ENVIRONMENT	8	3
		4 = LACK OF INFLUENCE OVER SCHOOL POLICIES AND PRACTICES	13	21
		5 = LACK OF CONTROL OVER OWN CLASSROOM	5	1
		6 = LACK OF PROFESSIONAL COMPETENCE OF COLLEAGUES	8	10
		7 = POOR STUDENT MOTIVATION TO LEARN	17	7
		8 = GENERALLY POOR WORKING CONDITIONS	14	8
		9 = CLASS SIZES TOO LARGE	11	3
		10 = STUDENT DISCIPLINE PROBLEMS	23	3
		11 = POOR SALARY	6	18

FIELD NAME	LOCATION	CODES = COMMENTS	UNWEIGHTED FREQUENCIES PUBLIC SCHOOL	UNWEIGHTED FREQUENCIES PRIVATE SCHOOL
		99 = NOT ANSWERED	6	2
		BL = NOT APPLICABLE	4675	1859
TFS148	213 - 213	14. HAVE YOU EARNED ANY NEW DEGREES IN THE PAST YEAR?		
		1 = YES	135	49
		2 = NO	3110	1230
		9 = NOT ANSWERED	14	3
		BL = NOT APPLICABLE	1553	669
TFS149	214 - 215	15. WHEN DID YOU EARN THIS DEGREE? MONTH IN WHICH YOU EARNED DEGREE -		
		1 = JANUARY	3	1
		2 = FEBRUARY	4	0
		3 = MARCH	4	2
		4 = APRIL	7	1
		5 = MAY	38	11
		6 = JUNE	21	8
		7 = JULY	11	0
		8 = AUGUST	28	14
		9 = SEPTEMBER	0	2
		10 = OCTOBER	1	0
		11 = NOVEMBER	3	1
		12 = DECEMBER	14	9
		99 = NOT ANSWERED	15	3
		BL = NOT APPLICABLE	4663	1899
TFS150	216 - 217	YEAR IN WHICH YOU EARNED THIS DEGREE -		
		88 = YEAR 1988	81	33
		89 = YEAR 1989	52	15
		99 = NOT ANSWERED	16	4
		BL = NOT APPLICABLE	4663	1899
TFS151	218 - 218	16. WHAT TYPE OF DEGREE IS IT?		
		1 = BACHELOR'S	9	81
		2 = MASTER'S	106	31
		3 = EDUCATION SPECIALIST OR PROFESSIONAL DIPLOMA	17	6
		4 = DOCTORATE	3	0
		5 = PROFESSIONAL	0	1
		9 = NOT ANSWERED	14	6
		BL= NOT APPLICABLE	4663	1899
TFS152	219 - 220	17. WHAT IS THE MAJOR FIELD OF STUDY FOR YOUR NEW DEGREE?		
		GENERAL		
		11 = AGRICULTURE AND NATURAL RESOURCES	1	0
		12 = ARCHITECTURE AND ENVIRONMENTAL DESIGN	0	0
		13 = AREA AND ETHNIC STUDIES	0	0
		14 = BIOLOGICAL/LIFE SCIENCE	3	1
		15 = BUSINESS AND MANAGEMENT	0	0
		16 = COMMUNICATIONS	1	0
		17 = COMPUTER AND INFORMATION SCIENCES	1	1
		18 = ENGINEERING	0	0
		19 = FINE AND APPLIED ARTS	0	2
		20 = FOREIGN LANGUAGES	0	1
		21 = HEALTH PROFESSIONS	0	0

FIELD NAME	LOCATION	CODES = COMMENTS	UNWEIGHTED FREQUENCIES PUBLIC SCHOOL	PRIVATE SCHOOL
		22 = HOME ECONOMICS	0	0
		23 = LAW	0	2
		24 = LETTERS (ENGLISH, LITERATURE, SPEECH, CLASSICS)	1	0
		25 = LIBRARY SCIENCE	1	0
		26 = MATHEMATICS	3	0
		27 = MILITARY SCIENCE	0	0
		28 = MULTI/INTERDISCIPLINARY STUDIES	0	0
		29 = PHILOSOPHY AND RELIGION	0	1
		30 = PSYCHOLOGY	0	0
		31 = PUBLIC AFFAIRS AND SERVICES	0	0
		32 = THEOLOGY	0	1
		PHYSICAL SCIENCES		
		33 = CHEMISTRY	0	0
		34 = PHYSICS	0	0
		35 = GEOLOGY/EARTH SCIENCES	1	0
		36 = OTHER PHYSICAL SCIENCES	0	0
		SOCIAL SCIENCES		
		37 = ECONOMICS	0	0
		38 = HISTORY	3	1
		39 = POLITICAL SCIENCE AND GOVERNMENT	0	0
		40 = SOCIOLOGY	0	1
		41 = OTHER SOCIAL SCIENCES	0	1
		42 = OTHER	3	3
		EDUCATION		
		GENERAL EDUCATION		
		51 = ELEMENTARY EDUCATION	19	10
		52 = PRE-ELEMENTARY/EARLY CHILDHOOD EDUCATION	3	2
		53 = SECONDARY EDUCATION	6	1
		SUBJECT AREA EDUCATION		
		54 = AGRICULTURAL EDUCATION	0	0
		55 = ART EDUCATION	2	0
		56 = BILINGUAL EDUCATION	1	0
		57 = BUSINESS, COMMERCE, AND DISTRIBUTIVE EDUCATION	1	1
		58 = ENGLISH AS A SECOND LANGUAGE	1	0
		59 = ENGLISH EDUCATION	1	1
		60 = FOREIGN LANGUAGES EDUCATION	0	0
		61 = HOME ECONOMICS EDUCATION	1	0
		62 = INDUSTRIAL ARTS, VOCATIONAL AND TECHNICAL EDUCATION	2	0
		63 = MATHEMATICS EDUCATION	1	0
		64 = MUSIC EDUCATION	2	0
		65 = PHYSICAL EDUCATION/HEALTH EDUCATION	3	2
		66 = READING EDUCATION	11	9
		67 = SCIENCE EDUCATION	0	0
		68 = SOCIAL STUDIES/SOCIAL SCIENCES EDUCATION	1	0
		SPECIAL EDUCATION		
		70 = SPECIAL EDUCATION, GENERAL	7	2
		71 = EDUCATION OF THE EMOTIONALLY DISTURBED	2	0
		72 = EDUCATION OF THE MENTALLY RETARDED	0	0
		73 = EDUCATION OF THE SPEECH/HEARING/VISION IMPAIRED	1	0
		74 = SPECIAL LEARNING DISABILITIES	12	1
		75 = OTHER SPECIAL EDUCATION	2	0
		OTHER EDUCATION		
		80 = CURRICULUM AND INSTRUCTION	9	1
		81 = EDUCATIONAL ADMINISTRATION	16	1
		82 = EDUCATIONAL PSYCHOLOGY	1	0
		83 = STUDENT PERSONNEL AND COUNSELING	7	2

FIELD NAME	LOCATION	CODES = COMMENTS	UNWEIGHTED FREQUENCIES PUBLIC SCHOOL	PRIVATE SCHOOL
		84 = OTHER EDUCATION	5	1
		99 = NOT ANSWERED	14	3
		BL = NOT APPLICABLE	4663	1899
TFS153	221 - 221	18. FOR WHAT PURPOSE DID YOU EARN THIS DEGREE?		
		1 = TO INCREASE SALARY	44	8
		2 = FOR PROFESSIONAL DEVELOPMENT IN CURRENT FIELD	72	31
		3 = TO TEACH IN A DIFFERENT FIELD THAN THE ONE TAUGHT LAST YEAR	6	2
		4 = FOR A NONTEACHING POSITION IN ELEMENTARY OR SECONDARY EDUCATION	5	0
		5 = OCCUPATION OUTSIDE ELEMEN/SECONDARY EDUC OTHER THAN CURRENT JOB	2	4
		6 = OTHER	7	4
		9 = NOT ANSWERED	13	3
		BL= NOT APPLICABLE	4663	1899
TFS154	222 - 222	19. ARE YOU CURRENTLY ENROLLED IN A DEGREE PROGRAM?		
		1 = NO	2604	1022
		2 = YES, AS A FULL-TIME STUDENT	44	22
		3 = YES, AS A PART-TIME STUDENT	570	228
		9 = NOT ANSWERED	41	12
		BL = NOT APPLICABLE	1553	669
TFS155	223 - 223	20. WHAT TYPE OF DEGREE ARE YOU PURSUING?		
		1 = BACHELOR'S	21	15
		2 = MASTER'S	497	190
		3 = EDUCATION SPECIALIST OR PROFESSIONAL DIPLOMA	77	37
		4 = DOCTORATE	33	10
		5 = PROFESSIONAL	3	1
		9 = NOT ANSWERED	24	7
		BL= NOT APPLICABLE	4157	1691
TFS156	224 - 225	21. WHAT IS THE MAJOR FIELD OF STUDY FOR THE DEGREE YOU ARE PURSUING?		
		11 = AGRICULTURE AND NATURAL RESOURCES	2	0
		12 = ARCHITECTURE AND ENVIRONMENTAL DESIGN	0	1
		13 = AREA AND ETHNIC STUDIES	5	0
		14 = BIOLOGICAL/LIFE SCIENCE	7	2
		15 = BUSINESS AND MANAGEMENT	3	0
		16 = COMMUNICATIONS	5	2
		17 = COMPUTER AND INFORMATION SCIENCES	13	3
		18 = ENGINEERING	5	0
		19 = FINE AND APPLIED ARTS	2	3
		20 = FOREIGN LANGUAGES	8	3
		21 = HEALTH PROFESSIONS	2	2
		22 = HOME ECONOMICS	1	0
		23 = LAW	1	1
		24 = LETTERS (ENGLISH, LITERATURE, SPEECH, CLASSICS)	5	3
		25 = LIBRARY SCIENCE	4	1
		26 = MATHEMATICS	6	2
		27 = MILITARY SCIENCE	3	2
		28 = MULTI/INTERDISCIPLINARY STUDIES	11	1
		29 = PHILOSOPHY AND RELIGION	2	1
		30 = PSYCHOLOGY	9	3
		31 = PUBLIC AFFAIRS AND SERVICES	3	1
		32 = THEOLOGY	10	8
		PHYSICAL SCIENCES		

FIELD NAME	LOCATION	CODES = COMMENTS	UNWEIGHTED FREQUENCIES PUBLIC SCHOOL	UNWEIGHTED FREQUENCIES PRIVATE SCHOOL
		33 = CHEMISTRY	0	0
		34 = PHYSICS	0	0
		35 = GEOLOGY/EARTH SCIENCES	1	1
		36 = OTHER PHYSICAL SCIENCES	2	0
		SOCIAL SCIENCES		
		37 = ECONOMICS	0	0
		38 = HISTORY	3	2
		39 = POLITICAL SCIENCE AND GOVERNMENT	1	1
		40 = SOCIOLOGY	0	0
		41 = OTHER SOCIAL SCIENCES	2	1
		42 = OTHER	12	3
		EDUCATION		
		GENERAL EDUCATION		
		51 = ELEMENTARY EDUCATION	71	47
		52 = PRE-ELEMENTARY/EARLY CHILDHOOD EDUCATION	27	9
		53 = SECONDARY EDUCATION	19	7
		SUBJECT AREA EDUCATION		
		54 = AGRICULTURAL EDUCATION	0	0
		55 = ART EDUCATION	4	3
		56 = BILINGUAL EDUCATION	6	0
		57 = BUSINESS, COMMERCE, AND DISTRIBUTIVE EDUCATION	5	1
		58 = ENGLISH AS A SECOND LANGUAGE	5	3
		59 = ENGLISH EDUCATION	6	7
		60 = FOREIGN LANGUAGES EDUCATION	2	0
		61 = HOME ECONOMICS EDUCATION	2	0
		62 = INDUSTRIAL ARTS, VOCATIONAL AND TECHNICAL EDUCATION	8	0
		63 = MATHEMATICS EDUCATION	5	2
		64 = MUSIC EDUCATION	17	5
		65 = PHYSICAL EDUCATION/HEALTH EDUCATION	15	4
		66 = READING EDUCATION	33	16
		67 = SCIENCE EDUCATION	8	1
		68 = SOCIAL STUDIES/SOCIAL SCIENCES EDUCATION	4	5
		SPECIAL EDUCATION		
		70 = SPECIAL EDUCATION, GENERAL	20	11
		71 = EDUCATION OF THE EMOTIONALLY DISTURBED	8	6
		72 = EDUCATION OF THE MENTALLY RETARDED	6	0
		73 = EDUCATION OF THE SPEECH/HEARING/VISION IMPAIRED	7	3
		74 = SPECIAL LEARNING DISABILITIES	19	0
		75 = OTHER SPECIAL EDUCATION	13	3
		OTHER EDUCATION		
		80 = CURRICULUM AND INSTRUCTION	22	10
		81 = EDUCATIONAL ADMINISTRATION	85	23
		82 = EDUCATIONAL PSYCHOLOGY	10	1
		83 = STUDENT PERSONNEL AND COUNSELING	34	6
		84 = OTHER EDUCATION	21	9
		99 = NOT ANSWERED	45	20
		BL = NOT APPLICABLE	4157	1691
TFS157	226 - 226	22. FOR WHAT PURPOSE ARE YOU PURSUING THIS DEGREE?		
		1 = TO INCREASE TEACHER SALARY	177	43
		2 = FOR PROFESSIONAL DEVELOPMENT IN CURRENT TEACHING FIELD	277	144
		3 = TO TEACH IN ANOTHER FIELD	39	17
		4 = FOR NONTEACHING POSITION IN ELEMENTARY/SECONDARY EDUCATION	55	18
		5 = FOR AN OCCUPATION OUTSIDE ELEMENTARY/SECONDARY EDUCATION	34	12
		6 = OTHER	41	18

FIELD NAME	LOCATION	CODES = COMMENTS	UNWEIGHTED FREQUENCIES	
			PUBLIC SCHOOL	PRIVATE SCHOOL
		9 = NOT ANSWERED	32	8
		BL= NOT APPLICABLE	4157	1691
TFS158	227 - 227	23. HOW LONG DO YOU PLAN TO REMAIN IN TEACHING?		
		1 = AS LONG AS ABLE	1001	602
		2 = UNTIL ELIGIBLE FOR RETIREMENT	1289	222
		3 = PLAN TO LEAVE TEACHING AS SOON AS POSSIBLE	125	55
		4 = UNDECIDED	717	351
		9 = NOT ANSWERED	127	52
		BL = NOT APPLICABLE	1553	669
TFS159	228 - 229	24. IN HOW MANY YEARS DO YOU PLAN TO RETIRE FROM TEACHING?		
		0 - 70 = YEARS		
		Maximum	60	70
		Minimum	0	0
		Mean	17.988	21.673
		Standard Dev.	9.174	10.329
		99 = NOT ANSWERED	168	134
		BL = NOT APPLICABLE	2395	1075
TFS160	230 - 231	25. WHAT DO YOU EXPECT YOUR MAIN ACTIVITY WILL BE DURING THE NEXT SCHOOL YEAR (1989-90)?		
		1 = TEACHING IN THIS SCHOOL	2699	963
		6 = ATTENDING A COLLEGE OR UNIVERSITY	18	22
		7 = WORKING IN A NONTEACHING OCCUPATION IN THE FIELD OF EDUCATION	34	20
		8 = WORKING IN AN OCCUPATION OUTSIDE THE FIELD OF EDUCATION	45	26
		9 = HOMEMAKING AND/OR CHILD REARING	32	32
		10 = UNEMPLOYED AND SEEKING WORK	14	6
		11 = MILITARY SERVICE	0	0
		12 = RETIRED	34	5
		13 = OTHER	54	39
		15 = TEACHING IN ANOTHER SCHOOL	300	152
		16 = TEACHING AT THE PRE-KINDERGARTEN OR POST-SECONDARY LEVEL	6	7
		99 = NOT ANSWERED	23	10
		BL = NOT APPLICABLE	1553	669
TFS161	232 - 233	26A. WHAT WOULD BE THE MOST EFFECTIVE STEP THAT SCHOOLS MIGHT TAKE TO ENCOURAGE TEACHERS TO REMAIN IN TEACHING?		
		1 = PROVIDING HIGHER SALARIES OR BETTER FRINGE BENEFITS	2002	754
		2 = IMPROVING OPPORTUNITIES FOR PROFESSIONAL ADVANCEMENT	112	59
		3 = MORE EFFECTIVE DEALING WITH STUDENT DISCIPLINE & SAFER SCHOOLS	250	112
		4 = MORE TEACHER AUTHORITY IN SCHOOL & IN THEIR OWN CLASSROOMS	159	53
		5 = INCREASING STANDARDS FOR STUDENT'S ACADEMIC PERFORMANCE	52	21
		6 = PROVIDING BETTER RESOURCES & MATERIALS FOR CLASSROOM USE	55	24
		7 = DECREASING CLASS SIZE	209	63
		8 = REDUCING THE PAPERWORK BURDEN ON TEACHERS	95	35
		9 = PROVIDING MORE SUPPORT FOR NEW TEACHERS	47	30
		10 = INCREASING PARENT INVOLVEMENT IN THE SCHOOLS	59	31
		11 = REDUCING TEACHER WORKLOAD	83	30
		12 = PROVIDING MERIT PAY OR OTHER PAY INCENTIVES TO TEACHERS	62	34
		13 = PROVIDE TEACHER TRAINING IN CONTENT AREAS & INSTRUC. METHODS	26	16

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FIELD NAME	LOCATION	CODES = COMMENTS	UNWEIGHTED FREQUENCIES PUBLIC SCHOOL	PRIVATE SCHOOL
		99 = NOT ANSWERED	28	20
		BL = NOT APPLICABLE	1553	669
TFS162	234 - 23	26B. WHAT WOULD BE THE SECOND MOST EFFECTIVE STEP?		
		1 = PROVIDING HIGHER SALARIES OR BETTER FRINGE BENEFITS	407	152
		2 = IMPROVING OPPORTUNITIES FOR PROFESSIONAL ADVANCEMENT	332	165
		3 = MORE EFFECTIVE DEALING WITH STUDENT DISCIPLINE & SAFER SCHOOLS	462	177
		4 = MORE TEACHER AUTHORITY IN SCHOOL & IN THEIR OWN CLASSROOMS	320	97
		5 = INCREASING STANDARDS FOR STUDENTS' ACADEMIC PERFORMANCE	126	71
		6 = PROVIDING BETTER RESOURCES & MATERIALS FOR CLASSROOM USE	177	68
		7 = DECREASING CLASS SIZE	460	135
		8 = REDUCING THE PAPERWORK BURDEN ON TEACHERS	335	95
		9 = PROVIDING MORE SUPPORT FOR NEW TEACHERS	79	46
		10 = INCREASING PARENT INVOLVEMENT IN THE SCHOOLS	108	28
		11 = REDUCING TEACHER WORKLOAD	145	75
		12 = PROVIDING MERIT PAY OR OTHER PAY INCENTIVES TO TEACHERS	155	82
		13 = PROVIDING TEACHER TRAINING IN CONTENT AREAS & INSTRUC. METHODS	74	45
		99 = NOT ANSWERED	79	41
		BL = NOT APPLICABLE	1553	669
TFS163	236 - 237	26C. WHAT WOULD BE THE THIRD MOST EFFECTIVE STEP?		
		1 = PROVIDING HIGHER SALARIES OR BETTER FRINGE BENEFITS	253	108
		2 = IMPROVING OPPORTUNITIES FOR PROFESSIONAL ADVANCEMENT	167	85
		3 = MORE EFFECTIVE DEALING WITH STUDENT DISCIPLINE & SAFER SCHOOLS	363	126
		4 = MORE TEACHER AUTHORITY IN SCHOOL & IN THEIR OWN CLASSROOMS	267	76
		5 = INCREASING STANDARDS FOR STUDENTS' ACADEMIC PERFORMANCE	175	65
		6 = PROVIDING BETTER RESOURCES AND MATERIALS FOR CLASSROOM USE	267	102
		7 = DECREASING CLASS SIZE	366	132
		8 = REDUCING THE PAPERWORK BURDEN ON TEACHERS	407	121
		9 = PROVIDING MORE SUPPORT FOR NEW TEACHERS	110	52
		10 = INCREASING PARENT INVOLVEMENT IN THE SCHOOLS	203	94
		11 = REDUCING TEACHER WORKLOAD	204	90
		12 = PROVIDING MERIT PAY OR OTHER PAY INCENTIVES TO TEACHERS	162	84
		13 = PROVIDING TEACHER TRAINING IN CONTENT AREAS & INSTRUC. METHODS	132	76
		99 = NOT ANSWERED	183	71
		BL = NOT APPLICABLE	1553	669
TFS164	238 - 238	27. HOW SATISFIED ARE YOU WITH EACH OF THE FOLLOWING ASPECTS OF TEACHING? ARE YOU (A) VERY SATISFIED, (B) SOMEWHAT SATISFIED, (C) SOMEWHAT DISSATISFIED, OR (D) VERY DISSATISFIED WITH - (1) SALARY		
		1 = VERY SATISFIED	208	112
		2 = SOMEWHAT SATISFIED	1532	490
		3 = SOMEWHAT DISSATISFIED	933	367
		4 = VERY DISSATISFIED	564	294
		9 = NOT ANSWERED	22	19
		BL = NOT APPLICABLE	1553	669
TFS165	239 - 239	(2) BENEFITS		
		1 = VERY SATISFIED	571	224
		2 = SOMEWHAT SATISFIED	1566	530

FIELD NAME	LOCATION	CODES = COMMENTS	UNWEIGHTED FREQUENCIES PUBLIC SCHOOL	PRIVATE SCHOOL
		3 = SOMEWHAT DISSATISFIED	731	279
		4 = VERY DISSATISFIED	363	222
		9 = NOT ANSWERED	28	27
		BL = NOT APPLICABLE	1553	669
TFS166	240 - 240	(3) OPPORTUNITY FOR PROFESSIONAL ADVANCEMENT		
		1 = VERY SATISFIED	361	212
		2 = SOMEWHAT SATISFIED	1545	587
		3 = SOMEWHAT DISSATISFIED	948	338
		4 = VERY DISSATISFIED	364	122
		9 = NOT ANSWERED	41	23
		BL = NOT APPLICABLE	1553	669
TFS167	241 - 241	(4) SUPPORT/RECOGNITION OF ADMINISTRATORS/MANAGERS		
		1 = VERY SATISFIED	603	457
		2 = SOMEWHAT SATISFIED	1353	475
		3 = SOMEWHAT DISSATISFIED	822	233
		4 = VERY DISSATISFIED	446	101
		9 = NOT ANSWERED	35	16
		BL = NOT APPLICABLE	1553	669
TFS168	242 - 242	(5) SAFETY OF SCHOOL ENVIRONMENT		
		1 = VERY SATISFIED	1075	675
		2 = SOMEWHAT SATISFIED	1446	457
		3 = SOMEWHAT DISSATISFIED	561	107
		4 = VERY DISSATISFIED	147	31
		9 = NOT ANSWERED	30	12
		BL = NOT APPLICABLE	1553	669
TFS169	243 - 243	(6) YOUR INFLUENCE OVER SCHOOL POLICIES AND PRACTICES		
		1 = VERY SATISFIED	279	295
		2 = SOMEWHAT SATISFIED	1341	578
		3 = SOMEWHAT DISSATISFIED	1113	272
		4 = VERY DISSATISFIED	498	121
		9 = NOT ANSWERED	28	16
		BL = NOT APPLICABLE	1553	669
TFS170	244 - 244	(7) AUTONOMY OR CONTROL OVER YOUR OWN CLASSROOM		
		1 = VERY SATISFIED	1452	794
		2 = SOMEWHAT SATISFIED	1370	385
		3 = SOMEWHAT DISSATISFIED	3310	75
		4 = VERY DISSATISFIED	82	12
		9 = NOT ANSWERED	25	16
		BL = NOT APPLICABLE	1553	669
TFS171	245 - 245	(8) PROFESSIONAL CALIBER OF COLLEAGUES		
		1 = VERY SATISFIED	1201	599
		2 = SOMEWHAT SATISFIED	1525	481
		3 = SOMEWHAT DISSATISFIED	411	155
		4 = VERY DISSATISFIED	95	33
		9 = NOT ANSWERED	27	14
		BL = NOT APPLICABLE	1553	669
TFS172	246 - 246	(9) THE ESTEEM OF SOCIETY FOR THE TEACHING PROFESSION		
		1 = VERY SATISFIED	98	89
		2 = SOMEWHAT SATISFIED	656	355

FIELD NAME	LOCATION	CODES = COMMENTS	UNWEIGHTED FREQUENCIES	
			PUBLIC SCHOOL	PRIVATE SCHOOL
		3 = SOMEWHAT DISSATISFIED	1320	500
		4 = VERY DISSATISFIED	1128	323
		9 = NOT ANSWERED	27	15
		BL = NOT APPLICABLE	1553	669
TFS173	247 - 247	(10) PROCEDURES FOR EVALUATING YOUR PERFORMANCE		
		1 = VERY SATISFIED	480	295
		2 = SOMEWHAT SATISFIED	1588	612
		3 = SOMEWHAT DISSATISFIED	815	267
		4 = VERY DISSATISFIED	351	86
		9 = NOT ANSWERED	25	22
		BL = NOT APPLICABLE	1553	669
TFS174	248 - 248	(11) TEACHING LOAD		
		1 = VERY SATISFIED	531	326
		2 = SOMEWHAT SATISFIED	1448	587
		3 = SOMEWHAT DISSATISFIED	886	277
		4 = VERY DISSATISFIED	363	77
		9 = NOT ANSWERED	31	15
		BL = NOT APPLICABLE	1553	669
TFS175	249 - 249	(12) AVAILABILITY OF RESOURCES AND MATERIALS/EQUIPMENT FOR YOUR CLASSROOM		
		1 = VERY SATISFIED	579	266
		2 = SOMEWHAT SATISFIED	1298	517
		3 = SOMEWHAT DISSATISFIED	902	352
		4 = VERY DISSATISFIED	454	134
		9 = NOT ANSWERED	26	13
		BL = NOT APPLICABLE	1553	669
TFS176	250 - 250	(13) GENERAL WORKING CONDITIONS		
		1 = VERY SATISFIED	692	436
		2 = SOMEWHAT SATISFIED	1763	654
		3 = SOMEWHAT DISSATISFIED	607	144
		4 = VERY DISSATISFIED	170	34
		9 = NOT ANSWERED	27	14
		BL = NOT APPLICABLE	1553	669
TFS177	251 - 251	(14) JOB SECURITY		
		1 = VERY SATISFIED	1150	484
		2 = SOMEWHAT SATISFIED	1535	508
		3 = SOMEWHAT DISSATISFIED	330	173
		4 = VERY DISSATISFIED	216	95
		9 = NOT ANSWERED	28	22
		BL = NOT APPLICABLE	1553	669
TFS178	252 - 252	(15) INTELLECTUAL CHALLENGE		
		1 = VERY SATISFIED	916	502
		2 = SOMEWHAT SATISFIED	1706	586
		3 = SOMEWHAT DISSATISFIED	475	138
		4 = VERY DISSATISFIED	130	40
		9 = NOT ANSWERED	32	16
		BL = NOT APPLICABLE	1553	669
TFS179	253 - 253	(16) STUDENT MOTIVATION TO LEARN		
		1 = VERY SATISFIED	324	300
		2 = SOMEWHAT SATISFIED	1067	540

FIELD NAME	LOCATION	CODES = COMMENTS	UNWEIGHTED FREQUENCIES	
			PUBLIC SCHOOL	PRIVATE SCHOOL
		3 = SOMEWHAT DISSATISFIED	1108	302
		4 = VERY DISSATISFIED	723	125
		9 = NOT ANSWERED	37	15
		BL = NOT APPLICABLE	1553	669
TFS180	254 - 254	(17) SCHOOL LEARNING ENVIRONMENT		
		1 = VERY SATISFIED	531	426
		2 = SOMEWHAT SATISFIED	1719	693
		3 = SOMEWHAT DISSATISFIED	799	162
		4 = VERY DISSATISFIED	180	39
		9 = NOT ANSWERED	30	16
		BL = NOT APPLICABLE	1553	669
TFS181	255 - 255	(18) STUDENT DISCIPLINE AND BEHAVIOR		
		1 = VERY SATISFIED	350	377
		2 = SOMEWHAT SATISFIED	1237	535
		3 = SOMEWHAT DISSATISFIED	1092	262
		4 = VERY DISSATISFIED	552	95
		9 = NOT ANSWERED	28	13
		BL = NOT APPLICABLE	1553	669
TFS182	256 - 256	(19) CLASS SIZE		
		1 = VERY SATISFIED	648	518
		2 = SOMEWHAT SATISFIED	1254	452
		3 = SOMEWHAT DISSATISFIED	839	212
		4 = VERY DISSATISFIED	489	88
		9 = NOT ANSWERED	29	12
		BL = NOT APPLICABLE	1553	669
TFS183	257 - 257	(20) SUPPORT FROM PARENTS		
		1 = VERY SATISFIED	349	383
		2 = SOMEWHAT SATISFIED	1139	496
		3 = SOMEWHAT DISSATISFIED	1115	252
		4 = VERY DISSATISFIED	621	132
		9 = NOT ANSWERED	35	19
		BL = NOT APPLICABLE	1553	669
TFS184	258 - 258	28. WHAT IS YOUR CURRENT MARITAL STATUS?		
		1 = MARRIED	2324	793
		2 = WIDOWED, DIVORCED, OR SEPARATED	374	80
		3 = NEVER MARRIED	537	399
		9 = NOT ANSWERED	24	10
		BL = NOT APPLICABLE	1553	669
TFS185	259 - 260	29. HOW MANY CHILDREN DO YOU HAVE WHO ARE DEPENDENT ON YOU (AND YOUR SPOUSE) FOR MORE THAN HALF OF THEIR FINANCIAL SUPPORT?		
		0 - 20 = CHILDREN		
		Maximum	7	10
		Minimum	0	0
		Mean	1.076	0.998
		Standard Dev	1.145	1.261
		99 = NOT ANSWERED	43	16
		BL = NOT APPLICABLE	1553	669

FIELD NAME	LOCATION	CODES = COMMENTS	UNWEIGHTED FREQUENCIES PUBLIC SCHOOL	PRIVATE SCHOOL
TFS186	261 - 262	30. WHAT WAS THE AGE OF YOUR YOUNGEST CHILD ON HIS/HER LAST BIRTHDAY?		
		0 - 60 = YEARS		
		Maximum	48	24
		Minimum	0	0
		Mean	9.196	8.231
		Standard Dev	6.778	5.865
		99 = NOT ANSWERED	51	18
		BL = NOT APPLICABLE	2931	1339
TFS187	263 - 263	31. DO YOU HAVE PERSONS OTHER THAN YOUR SPOUSE OR CHILDREN WHO ARE DEPENDENT ON YOU FOR MORE THAN HALF OF THEIR FINANCIAL SUPPORT?		
		1 = YES	101	62
		2 = NO	3117	1198
		9 = NOT ANSWERED	41	22
		BL = NOT APPLICABLE	1553	669
TFS188	264 - 265	HOW MANY PERSONS?		
		0 - 20 = PERSONS		
		Maximum	4	5
		Minimum	0	0
		Mean	1.196	1.38
		Standard Dev	0.656	0.967
		99 = NOT ANSWERED	45	34
		BL = NOT APPLICABLE	4670	1867
TFS189	266 - 270	32A. (1) DURING THE SUMMER OF 1988, HOW MUCH DID YOU EARN IN - SUMMER SCHOOL SALARY FROM THIS OR ANY OTHER SCHOOL?		
		0 - 20000 = DOLLAR AMOUNT		
		Maximum	99,999	99,999
		Minimum	0	0
		Mean	2970.16	4677.2
		Standard Dev.	16122.2	20411.1
		99999 = NOT ANSWERED	0	0
		BL = NOT APPLICABLE	1553	669
TFS190	271 - 275	(2) DURING THE SUMMER OF 1988, HOW MUCH DID YOU EARN IN - OTHER SCHOOL COMPENSATION FOR SUMMER WORK AT THIS OR ANY OTHER SCHOOL?		
		0 - 20000 = DOLLAR AMOUNT		
		Maximum	10000	5100
		Minimum	0	0
		Mean	62.317	61.199
		Standard Dev.	382.772	388.517
		99999 = NOT ANSWERED	112	69

FIELD NAME	LOCATION	CODES = COMMENTS	UNWEIGHTED FREQUENCIES PUBLIC SCHOOL	 PRIVATE SCHOOL
		BL = NOT APPLICABLE	1553	669
TFS191	276 - 280	(3) DURING THE SUMMER OF 1988, HOW MUCH DID YOU EARN IN - EARNINGS FROM NONSCHOOL EMPLOYMENT DURING THE SUMMER OF 1988?		
		0 - 50000 = DOLLAR AMOUNT		
		Maximum	27500	8000
		Minimum	0	0
		Mean	417.153	389.565
		Standard Dev.	1467.06	965.73
		99999 = NOT ANSWERED	131	76
		BL = NOT APPLICABLE	1553	669
TFS192	281 - 285	32B. WHAT IS YOUR ACADEMIC BASE YEAR SALARY FOR TEACHING FOR THE 1988-89 SCHOOL YEAR?		
		PUBLIC SCHOOL		
		1 = 1,000 < = SALARY < = 20,000	925	0
		2 = 20,001 < = SALARY < = 25,000	940	0
		3 = 25,001 < = SALARY < = 30,000	563	0
		4 = 30,001 < = SALARY < = 35,000	330	0
		5 = 35,001 < = SALARY < 999,999	324	0
		99999 = NOT ANSWERED	177	0
		BL = NOT APPLICABLE	1553	0
		PRIVATE SCHOOL		
		1 = 1,000 < = SALARY < = 10,000	0	179
		2 = 10,001 < = SALARY < = 15,000	0	294
		3 = 15,001 < = SALARY < = 20,000	0	333
		4 = 20,001 < = SALARY < = 25,000	0	324
		5 = 25,001 < = SALARY < 999,999	0	211
		99999 = NOT ANSWERED	0	130
		BL = NOT APPLICABLE	0	669
TFS193	286 - 290	32C. DURING THE 1988-89 SCHOOL YEAR, HOW MUCH WILL YOU EARN IN ADDITIONAL COMPENSATION FROM YOUR SCHOOL(S) FOR EXTRA CURRICULAR OR ADDITIONAL ACTIVITIES SUCH AS COACHING, STUDENT ACTIVITY SPONSORSHIP, OR EVENING CLASSES?		
		0 - 50000 = DOLLAR AMOUNT		
		Maximum	40000	24600
		Minimum	0	0
		Mean	682.3	318.619
		Standard Dev.	2081.6	1355.03
		99999 = NOT ANSWERED	144	99
		BL = NOT APPLICABLE	1553	669
TFS194	291 - 295	32D. DURING THE 1988-89 SCHOOL YEAR, HOW MUCH WILL YOU EARN FROM NONSCHOOL EMPLOYMENT?		
		0 - 90000 = DOLLAR AMOUNT		
		Maximum	62000	32000
		Minimum	0	0
		Mean	693.164	589.868

FIELD NAME	LOCATION	CODES = COMMENTS	UNWEIGHTED FREQUENCIES PUBLIC SCHOOL	PRIVATE SCHOOL
		Standard Dev.	3071.85	2120.96
		99999 = NOT ANSWERED	204	129
		BL = NOT APPLICABLE	1553	669
TFS195	296 - 301	32E. WHAT IS YOUR TOTAL EARNED INCOME FROM MID-JUNE 1988 TO MID-JUNE 1989?		
		PUBLIC SCHOOL		
		1 = 1,000 < = TOTAL INCOME < = 20,000	638	0
		2 = 20,001 < = TOTAL INCOME < = 25,000	911	0
		3 = 25,001 < = TOTAL INCOME < = 30,000	625	0
		4 = 30,001 < = TOTAL INCOME < = 35,000	405	0
		5 = 35,001 < = TOTAL INCOME < 999,999	542	0
		999999 = NOT ANSWERED	138	0
		BL = NOT APPLICABLE	1553	0
		PRIVATE SCHOOL		
		1 = 1,000 < = TOTAL INCOME < = 10,000	0	135
		2 = 10,001 < = TOTAL INCOME < = 15,000	0	239
		3 = 15,001 < = TOTAL INCOME < = 20,000	0	318
		4 = 20,001 < = TOTAL INCOME < = 25,000	0	238
		5 = 25,001 < = TOTAL INCOME < 999,999	0	242
		999999 = NOT ANSWERED	0	110
		BL = NOT APPLICABLE	0	669
TFS196	302 - 303	33. WHICH CATEGORY REPRESENTS THE TOTAL COMBINED INCOME OF ALL FAMILY MEMBERS IN YOUR HOUSEHOLD DURING 1988? THIS INCLUDES MONEY FROM JOBS, NET BUSINESS OR FARM INCOME, PENSIONS, DIVIDENDS, INTEREST, RENT, SOCIAL SECURITY PAYMENTS, AND ANY OTHER INCOME RECEIVED BY FAMILY MEMBERS IN YOUR HOUSEHOLD WHO ARE 14 YEARS OF AGE OR OLDER.		
		1 = LESS THAN $10,000	9	37
		2 = $10,000 - $14,999	14	69
		3 = $15,000 - $19,999	138	139
		4 = $20,000 - $24,999	320	136
		5 = $25,000 - $29,999	268	101
		6 = $30,000 - $34,999	279	81
		7 = $35,000 - $39,999	330	94
		8 = $40,000 - $49,999	551	148
		9 = $50,000 - $59,999	465	113
		10 = $60,000 - $74,999	258	81
		11 = $75,000 - $99,999	170	42
		12 = $100,000 OR MORE	60	30
		99 = NOT ANSWERED	297	211
		BL = NOT APPLICABLE	1553	669
BLANK	304 - 304	BLANK		

1987-88 SASS TEACHER QUESTIONNAIRE

FIELD NAME	LOCATION	CODES = COMMENTS	PUBLIC SCHOOL	PRIVATE SCHOOL
TSC010	305 - 306	1. How do you classify your PRIMARY assignment at THIS school during 1987-88?		
		1 = Regular full-time or part-time teacher	4433	1924
		2 = Itinerant teacher	318	21
		3 = Long-term		

FIELD NAME	LOCATION	CODES = COMMENTS	UNWEIGHTED FREQUENCIES	
			PUBLIC SCHOOL	PRIVATE SCHOOL
		Substitute	61	6
		4 = Short-term Substitute	0	0
		5 = Student teacher	0	0
		6 = Nonteaching specialist	0	0
		7 = Administrator	0	0
		8 = Teacher's aide	0	0
		9 = Other professional or support staff	0	0
TSC011	307 - 307	2. How do you classify your position as an employee AT THIS SCHOOL during 1987-88?		
		1 = Full-time	4329	1632
		2 = 3/4 time or more, but less than full-time	81	65
		3 = 1/2 time or more, but less than 3/4 time	253	151
		4 = 1/4 time or more, but less than 1/2 time	87	65
		5 = Less than 1/4 time	61	38
		9 = Not answered	1	0
		bl = Not applicable		
TSC012	308 - 308	3. How do you describe your teaching assignment AT THIS SCHOOL during 1987-88?		
		1 = Full-time teacher	4233	1590
		2 = 3/4 time or more, but less than full-time	105	80
		3 = 1/2 time or more, but less than 3/4 time	286	173
		4 = 1/4 time or more, but less than 1/2 time	110	66
		5 = Less than 1/4 time	78	42
TSC013	309 - 309	CHECK ITEM A Did you mark box 1, "Full-time employee," in answer to question 2 above?		
		1 = Yes	96	42
		2 = No	483	319
		9 = Not answered	579	361
		bl = Not applicable	4233	1590
TSC014	310 - 310	4.		

FIELD NAME	LOCATION	CODES = COMMENTS	UNWEIGHTED FREQUENCIES PUBLIC SCHOOL	PRIVATE SCHOOL
		Which category best describes your other assignment AT THIS SCHOOL?		
		1 = Administrator	10	12
		2 = Nonteaching specialist	8	3
		3 = Resource person for other teachers	30	9
		4 = Support staff	11	1
		5 = Coach	23	2
		6 = Other	0	10
		9 = Not answered	14	5
		bl = Not applicable	4716	1909
TSC015	311 - 312	5. Which of these categories best describes your other PRIMARY ACTIVITY outside of teaching at this school?		
		1 = Teaching in another school	203	50
		2 = Attending a college or university	13	25
		3 = Working in a nonteaching occupation in the field of education	13	9
		4 = Working in an occupation outside the field of education	34	36
		5 = Homemaking and/or child rearing	155	143
		6 = Seeking work	5	4
		7 = Retired	4	10
		99 = Not answered	24	13
		bl = Not applicable	4320	1632
TSC016	313 - 314	6. In what year did you begin your first FULL-TIME teaching position at the elementary or secondary level?		
		24 = Year	1	0
		28 =	0	1
		30 =	0	1
		31 =	0	1
		34 =	0	2
		36 =	0	1
		37 =	0	2
		38 =	0	1
		39 =	1	1
		40 =	1	2
		41 =	5	0
		42 =	8	4
		43 =	8	5
		44 =	4	3

FIELD NAME	LOCATION	CODES = COMMENTS	UNWEIGHTED FREQUENCIES PUBLIC SCHOOL	PRIVATE SCHOOL
		45 =	8	3
		46 =	19	2
		47 =	15	2
		48 =	25	8
		49 =	25	5
		50 =	33	9
		51 =	27	4
		52 =	37	10
		53 =	34	7
		54 =	40	15
		55 =	42	7
		56 =	34	6
		57 =	65	9
		58 =	59	16
		59 =	56	12
		60 =	54	19
		61 =	62	19
		62 =	69	13
		63 =	74	18
		64 =	76	25
		65 =	81	22
		66 =	83	23
		67 =	100	34
		68 =	121	39
		69 =	136	47
		70 =	142	38
		71 =	145	40
		72 =	147	42
		73 =	139	35
		74 =	138	42
		75 =	135	38
		76 =	148	48
		77 =	139	32
		78 =	133	51
		79 =	137	54
		80 =	131	69
		81 =	122	59
		82 =	122	41
		83 =	138	85
		84 =	177	90
		85 =	333	162
		86 =	391	199
		87 =	469	282
		88 =	12	8
		99 = Not answered	31	33
		bl = Not applicable	80	105
TSC017	315 - 315			
		1 = Never taught full-time	80	105
TSC018	316 - 316	7. At which of the following school levels have you taught, either full or part time, for one year or more?		
		1 = Prekindergarten	273	269
		9 = No answer to question 7	119	31
		bl = Not applicable	4420	1651

FIELD NAME	LOCATION	CODES = COMMENTS	UNWEIGHTED FREQUENCIES PUBLIC SCHOOL	PRIVATE SCHOOL
TSC019	317 - 317			
		2 = Elementary	2776	1379
		9 = No answer to question 7	119	31
		bl = Not applicable	1917	541
TSC020	318 - 318			
		3 = Middle/junior high	2276	980
		9 = No answer to question 7	119	31
		bl = Not applicable	2417	940
TSC021	319 - 319			
		4 = Senior high	2180	727
		9 = No answer to question 7	113	31
		bl = Not applicable	2513	1193
TSC022	320 - 320			
		5 = Postsecondary	338	183
		9 = No answer to question 7	119	31
		bl = Not applicable	4355	1737
TSC023	321 - 322	8. Including the current school year, how many years have you been employed as a teacher in public and/or private schools at the elementary or secondary level? a. Public Schools 0 = None 1-70 = Years of full-time teaching		
		Maximum	46	41
		Minimum	0	0
		Mean	10.979	2.398
		Standard Dev	9.617	4.906
		99 = Not answered	32	508
		bl = Not applicable	0	0
TSC024	323 - 324	0 = None 1-70 = Years of part-time teaching		
		Maximum	28	24
		Minimum	0	0
		Mean	1.076	0.649
		Standard Dev	2.347	1.790
		99 = Not answered	2012	898

FIELD NAME	LOCATION	CODES = COMMENTS	UNWEIGHTED FREQUENCIES	
			PUBLIC SCHOOL	PRIVATE SCHOOL
		bl = Not applicable	0	0
TSC025	325 - 326	b. Private Schools		
		0 = None 1-70 = Years of full-time teaching		
		Maximum	30	57
		Minimum	0	0
		Mean	0.716	6.172
		Standard Dev	2.138	7.900
		99 = Not answered	2234	78
		bl = Not applicable	0	0
TSC026	327 - 328			
		0 = None 1-70 = Years of part-time teaching		
		Maximum	15	31
		Minimum	0	0
		Mean	0.163	1.362
		Standard Dev.	0.834	2.662
		99 = Not answered	2659	792
		bl = Not applicable	0	0
TSC027	329 - 330	9a. Since you began teaching, how many breaks in service of one year or more have you had?		
		0 = None 1-20 = Breaks in service		
		Maximum	17	16
		Minimum	0	0
		Mean	0.524	0.588
		Standard Dev.	1.055	1.155
		99 = Not answered	37	23
		bl = Not applicable	0	0
TSC028	331 - 331	9b. Were any of these breaks due to a reduction-in-force or a lay-off?		
		1 = Yes	141	59
		2 = No	1483	644
		9 = Not answered	34	14
		bl = Not applicable	3154	1234
TSC029	332 - 333	How many?		

FIELD NAME	LOCATION	CODES = COMMENTS	UNWEIGHTED FREQUENCIES	
			PUBLIC SCHOOL	PRIVATE SCHOOL
		1-20 = Number of breaks due to reduction-in-force or lay-off		
		Maximum	8	4
		Minimum	1	1
		Mean	1.385	1.241
		Standard Dev	1.067	0.581
		99 = Not answered	45	19
		bl = Not applicable	4637	1878
TSC030	334 - 335	9c. Including the current year, how many consecutive years have you been teaching?		
		1-70 = Consecutive years		
		Maximum	41	35
		Minimum	1	1
		Mean	8.993	5.410
		Standard Dev.	8.231	5.366
		99 = Not answered	57	27
		bl = Not applicable	3154	1234
TSC031	336 - 337	10. In what year did you begin teaching in this school?		
		34 = YEAR	0	1
		36 =	0	1
		38 =	1	0
		43 =	1	0
		44 =	1	0
		45 =	1	0
		47 =	1	0
		48 =	1	0
		49 =	0	2
		50 =	1	0
		51 =	5	0
		52 =	4	0
		53 =	7	0
		54 =	6	2
		55 =	6	0
		56 =	12	1
		57 =	17	1
		58 =	17	0
		59 =	17	1
		60 =	12	5
		61 =	22	1
		62 =	28	3
		63 =	30	2
		64 =	28	6
		65 =	39	2
		66 =	40	4
		67 =	47	4
		68 =	54	7

FIELD NAME	LOCATION	CODES = COMMENTS	UNWEIGHTED FREQUENCIES PUBLIC SCHOOL	UNWEIGHTED FREQUENCIES PRIVATE SCHOOL
		69 =	65	12
		70 =	93	11
		71 =	77	12
		72 =	82	15
		73 =	82	13
		74 =	79	15
		75 =	64	17
		76 =	91	26
		77 =	97	24
		78 =	121	34
		79 =	107	45
		80 =	147	51
		81 =	159	64
		82 =	145	52
		83 =	231	96
		84 =	275	132
		85 =	523	250
		86 =	719	390
		87 =	1191	627
		88 =	23	9
		99 = Not answered	43	12
		bl = Not applicable	0	0
TSC032	338 - 338	11. What was your main activity the year before you began teaching in this school?		
		1 = Working in a position in the field of education, but not as a teacher	273	132
		2 = Working in an occupation outside of education	573	300
		3 = Teaching in another school--same school system	909	0
		4 = Teaching in a different system--same state (Teaching in a different school in this state)	878	426
		5 = Teaching in a different state	322	226
		9 = No answer to question 11	16	7
		bl = Not applicable	1841	860
TSC033	339 - 340	Which state?		
		01 = Alabama	5	3
		02 = Alaska	3	0
		04 = Arizona	3	4
		05 = Arkansas	2	1
		06 = California	13	8
		08 = Colorado	7	4
		09 = Connecticut	3	2

FIELD NAME	LOCATION	CODES = COMMENTS	UNWEIGHTED FREQUENCIES PUBLIC SCHOOL	PRIVATE SCHOOL
		10 = Delaware	0	0
		11 = District of Columbia	2	1
		12 = Florida	14	9
		13 = Georgia	7	0
		15 = Hawaii	0	0
		16 = Idaho	7	2
		17 = Illinois	6	12
		18 = Indiana	2	10
		19 = Iowa	7	5
		20 = Kansas	9	3
		21 = Kentucky	7	0
		22 = Louisiana	9	5
		23 = Maine	2	1
		24 = Maryland	9	7
		25 = Massachusetts	7	6
		26 = Michigan	7	6
		27 = Minnesota	4	8
		28 = Mississippi	1	3
		29 = Missouri	3	5
		30 = Montana	4	0
		31 = Nebraska	6	5
		32 = Nevada	5	0
		33 = New Hampshire	1	1
		34 = New Jersey	2	9
		35 = New Mexico	3	1
		36 = New York	8	14
		37 = North Carolina	8	3
		38 = North Dakota	2	1
		39 = Ohio	10	7
		40 = Oklahoma	7	3
		41 = Oregon	2	2
		42 = Pennsylvania	12	10
		44 = Rhode Island	1	3
		45 = South Carolina	9	3
		46 = South Dakota	6	3
		47 = Tennessee	2	4
		48 = Texas	25	10
		49 = Utah	6	0
		50 = Vermont	7	1
		51 = Virginia	11	8
		53 = Washington	4	0
		54 = West Virginia	5	0
		55 = Wisconsin	6	8
		56 = Wyoming	2	0
		59 = Outside U.S.	11	5
		99 = Not answered	8	20
		bl = Not applicable	4490	1725
TSC034	341 - 342			
		6 = Homemaking and/or child rearing	438	277
		7 = Attending a college or university	1189	470
		8 = Military service	26	4
		9 = Unemployed and seeking work	33	11
		10 = Retired	5	5

FIELD NAME	LOCATION	CODES = COMMENTS	UNWEIGHTED FREQUENCIES PUBLIC SCHOOL	 PRIVATE SCHOOL
		11 = Other	150	93
		99 = No answer to question 11	16	7
		bl = Not applicable	2955	1084
TSC035	343 - 343	12. Which of the following categories best describes your previous occupation in the field of education?		
		1 = Administrator	29	18
		2 = Guidance counselor	13	1
		3 = Librarian or other media staff	6	0
		4 = Other professional staff	37	32
		5 = Teacher's aide	91	35
		6 = Other school personnel	76	26
		9 = Not answered	37	27
		bl = Not applicable	4523	1812
TSC036	344 - 346	13b. What kind of business was this? SEE APPENDIX 'A'		
		999 = Not answered	17	14
		bl = Not applicable	4239	1651
TSC037	347 - 349	13c. What kind of work were you doing? SEE APPENDIX 'A'		
		999 = Not answered	20	13
		bl = Not applicable	4239	1651
TSC038	350 - 351	13e. How would you classify yourself on that job?		
		1 = An employee of a PRIVATE company, business, or individual for wages, salary, or commission	407	223
		2 = A FEDERAL government employee	28	4
		3 = A STATE government employee	33	6
		4 = A LOCAL government employee	18	10
		5 = SELF-EMPLOYED in your own business, professional practice, or farm	68	36
		6 = Working WITHOUT PAY on a family		

FIELD NAME	LOCATION	CODES = COMMENTS	UNWEIGHTED FREQUENCIES	
			PUBLIC SCHOOL	PRIVATE SCHOOL
		business or farm	2	3
		7 = Working WITHOUT PAY in a volunteer job	0	6
		99 = Not answered	17	12
		bl = Not applicable	4239	1651
TSC039	352 - 352	14a. Which of the following college degrees have you earned?		
		1 = Associate degree or vocational certificate	651	244
		9 = Not answered	0	0
		bl = Not applicable	4161	1707
TSC043	359 - 359			
		2 = Bachelor's degree	4767	1847
		9 = Not answered	0	0
		bl = Not applicable	45	104
TSC047	366 - 366			
		3 = 2nd Bachelor's degree	273	106
		9 = Not answered	0	0
		bl = Not applicable	4539	1845
TSC051	373 - 373			
		4 = Master's degree	1861	524
		9 = Not answered	0	1
		bl = Not applicable	2951	1426
TSC055	380 - 380			
		5 = 2nd Master's degree	118	43
		9 = Not answered	0	0
		bl = Not applicable	4694	1908
TSC059	387 - 387			
		6 = Education specialist or professional diploma	291	59
		9 = Not answered	0	0
		bl = Not applicable	4521	1892
TSC063	394 - 395			
		7 = Doctorate	44	21
		9 = Not answered	0	0
		bl = Not applicable	4768	1930
TSC067	402 - 403			
		8 = First Professional Degree	17	7

			UNWEIGHTED FREQUENCIES	
FIELD NAME	LOCATION	CODES = COMMENTS	PUBLIC SCHOOL	PRIVATE SCHOOL
		9 = Not answered	0	0
		bl = Not applicable	4795	1944
TSC071	410 - 411			
		9 = No degree or diploma	15	63
		99 = Not answered	0	0
		bl = Not applicable	4797	1888
TSC040	353 - 354	14b. (SEE APPENDIX 'B' FOR FREQUENCIES) What was your major field of study for each degree?		
TSC044	360 - 361			
TSC048	367 - 368			
TSC052	374 - 375			
TSC056	381 - 382			
TSC060	388 - 389			
TSC064	396 - 397			
TSC068	404 - 405			
		GENERAL		
		11 = Agriculture and Natural resources		
		12 = Architecture and environmental design		
		13 = Area and ethnic Studies		
		14 = Biological/life science		
		15 = Business and management		
		17 = Computer and information science		
		18 = Engineering		
		19 = Fine and applied arts		
		20 = Foreign languages		
		21 = Health professions		
		22 = Home economics		
		23 = Law		
		24 = Letters (English, literature, speech, classics)		
		25 = Library science		
		26 = Mathematics		
		27 = Military science		
		28 = Multi/interdisciplinary studies		
		29 = Philosophy and religion		
		30 = Psychology		
		31 = Public affairs and services		
		32 = Theology		
		Physical sciences		
		33 = Chemistry		
		34 = Physics		
		35 = Geology/earth science		
		36 = Other physical sciences		

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Social science
37 = Economics
38 = History
39 = Political science and government
40 = Sociology
41 = Other social sciences
42 = Other

EDUCATION
General education
51 = Elementary
52 = Pre-elementary/ early childhood
53 = Secondary
Subject area education
54 = Agricultural
55 = Art
56 = Bilingual
57 = Business, commerce, and distributive
58 = English as a second language
59 = English
60 = Foreign languages
61 = Home economics
62 = Industrial arts, vocational and technical
63 = Mathematics
64 = Music
65 = Physical ed./ health ed.
66 = Reading
67 = Science
68 = Social studies/ social sciences

Special education
70 = Special ed., general
71 = Education of the emotionally disturbed
72 = Education of the mentally retarded
73 = Education of the speech/ hearing/vision impaired
74 = Special learning disabilities
75 = Other special education

Other education
80 = Curriculum and instruction
81 = Educational

FIELD NAME	LOCATION	CODES = COMMENTS	UNWEIGHTED FREQUENCIES PUBLIC SCHOOL	PRIVATE SCHOOL
		administration		
		82 = Educational psychology		
		83 = Student personnel and counseling		
		84 = Other education		
		99 = Not answered		
		bl = Not applicable		
TSC041 TSC045 TSC049 TSC053 TSC057 TSC061 TSC065 TSC069	355 - 356 362 - 363 369 - 370 376 - 377 383 - 384 390 - 391 398 - 399 406 - 407	14c. (SEE APPENDIX 'C' FOR FREQUENCIES) What was you second major or minor field of study for each degree?		
TSC042 TSC046 TSC050 TSC054 TSC058 TSC062 TSC066 TSC070	357 - 358 364 - 365 371 - 372 378 - 379 385 - 386 392 - 393 400 - 401 408 - 409	14d. (SEE APPENDIX 'D' FOR FREQUENCIES) In what year did you receive your degree?		
TSC075	421 - 422	16a. What is your current primary teaching assignment field at THIS SCHOOL?		
		01 = Prekindergarten	14	25
		02 = Kindergarten	222	143
		03 = General elementary	1246	776
		Special areas		
		04 = Art	107	53
		05 = Basic skills and remedial ed.	57	7
		06 = Bilingual ed.	31	0
		07 = Business ed.	88	15
		08 = Computer science	22	13
		09 = English/language arts	368	156
		10 = English as a second language	39	2
		11 = Foreign language	89	76
		12 = Gifted	44	2
		13 = Health, physical education	228	71
		14 = Home economics	99	11
		15 = Industrial arts	75	3
		16 = Mathematics	337	133
		17 = Music	254	68
		18 = Reading	121	29
		19 = Religion/ philosophy	1	43
		20 = Social studies/ social science	230	95

FIELD NAME	LOCATION	CODES = COMMENTS	UNWEIGHTED FREQUENCIES PUBLIC SCHOOL	UNWEIGHTED FREQUENCIES PRIVATE SCHOOL
		Science		
		21 = Biology	101	30
		22 = Chemistry	23	19
		23 = Earth science/ geology	39	12
		24 = Physics	16	8
		25 = General and all other science	125	58
		Special Education		
		26 = Mentally retarded	128	13
		27 = Emotionally disturbed	81	24
		28 = Learning disabled	284	36
		29 = Speech and hearing impaired	83	7
		30 = Other special education	63	6
		31 = Vocational education	129	3
		32 = All others	68	14
TSC076	423 - 423			
		1 = Teaching schedule equally divided between two fields	188	132
		bl = Not applicable	0	0
TSC077	424 - 424	16b. Are some of your classes at THIS SCHOOL in other fields?		
		1 = Yes	1762	953
		2 = No	2885	997
		9 = Not answered	165	1
		bl = Not applicable	0	0
TSC078	425 - 426	In what field do you teach the second most classes		
		(SEE APPENDIX 'E' FOR FREQUENCIES)		
TSC079	427 - 428	17a. What field do you feel BEST QUALIFIED to teach?		
		(SEE APPENDIX 'E' FOR FREQUENCIES)		
TSC080	429 - 429	17b. Do you feel qualified to teach any other fields?		
		1 = Yes	3320	1435
		2 = No	1388	464
		9 = Not answered	104	52
		bl = Not applicable	0	0

FIELD NAME	LOCATION	CODES = COMMENTS	UNWEIGHTED FREQUENCIES PUBLIC SCHOOL	UNWEIGHTED FREQUENCIES PRIVATE SCHOOL
TSC081	430 - 431	For what field do you feel second best qualified?		
		(SEE APPENDIX 'E' FOR FREQUENCIES)		
TSC082	432 - 432	18. Has your primary teaching assignment field changed since you began teaching?		
		1 = Yes	1363	485
		2 = No	3412	1442
		9 = Not answered	37	24
		bl = Not applicable	0	0
TSC083	433 - 434	What was your previous primary assignment field?		
		(SEE APPENDIX 'E' FOR FREQUENCIES)		
TSC084	435 - 436	Counting this year, how many years has your primary assignment field remained unchanged?		
		1-70 = Years		
		Maximum	42	48
		Minimum	1	1
		Mean	6.879	6.024
		Standard Dev.	6.706	7.135
		99 = Not answered	205	87
		bl = Not applicable	3412	1442
TSC099	463 - 463	20a. Does your teaching assignment AT THIS SCHOOL include any classes in mathematics, computer science, biological/life science, earth science, or physical science in grades 7-12?		
		1 = Yes	1280	616
		2 = No	3464	1295
		9 = Not answered	68	40
TSC100	464 - 465	20b. For each of the following science fields, how many undergraduate and graduate COURSES have you taken in that subject area?		

FIELD NAME	LOCATION	CODES = COMMENTS	UNWEIGHTED FREQUENCIES PUBLIC SCHOOL	PRIVATE SCHOOL
		a. Mathematics		
		0-90 = Number of undergraduate semester courses		
		Maximum	80	60
		Minimum	0	0
		Mean	6.943	5.336
		Standard Dev	8.828	6.894
		99 = Not answered	466	212
		bl = Not applicable	3464	1295
TSC101	466 - 467			
		0-90 = Number of undergraduate quarter courses		
		Maximum	84	50
		Minimum	0	0
		Mean	5.023	3.264
		Standard Dev	10.599	7.645
		99 = Not answered	922	429
		bl = Not applicable	3464	1295
TSC102	468 - 469			
		0-90 = Number of graduate semester courses		
		Maximum	75	40
		Minimum	0	0
		Mean	2.678	1.96
		Standard Dev	6.154	5.288
		99 = Not answered	798	406
		bl = Not applicable	3464	1295
TSC103	470 - 471			
		0-90 = Number of graduate quarter courses		
		Maximum	80	36
		Minimum	0	0
		Mean	1.366	0.542
		Standard Dev	6.399	3.0
		99 = Not answered	990	453
		bl = Not applicable	3464	1295
TSC104	472 - 473	b. Computer Science		
		0-90 = Number of undergraduate		

FIELD NAME	LOCATION	CODES = COMMENTS	UNWEIGHTED FREQUENCIES PUBLIC SCHOOL	UNWEIGHTED FREQUENCIES PRIVATE SCHOOL
		semester courses		
		Maximum	24	30
		Minimum	0	0
		Mean	1.441	1.172
		Standard Dev	2.982	2.589
		99 = Not answered	648	308
		bl = Not applicable	3464	1295
TSC105	474 - 475			
		0-90 = Number of undergraduate quarter courses		
		Maximum	30	15
		Minimum	0	0
		Mean	0.937	0.456
		Standard Dev	2.974	6.513
		99 = Not answered	965	452
		bl = Not applicable	3464	1295
TSC106	476 - 477			
		0-90 = Number of graduate semester courses		
		Maximum	30	20
		Minimum	0	0
		Mean	1.317	0.719
		Standard Dev	3.033	2.349
		99 = Not answered	846	425
		bl = Not applicable	3464	1295
TSC107	478 - 479			
		0-90 = Number of graduate quarter courses		
		Maximum	15	8
		Minimum	0	0
		Mean	0.506	0.270
		Standard Dev	1.891	1.152
		99 = Not answered	1004	460
		bl = Not applicable	3464	1295
TSC108	480 - 481	c. Biology		
		0-90 = Number of undergraduate semester courses		
		Maximum	64	64
		Minimum	0	0
		Mean	4.873	4.107

FIELD NAME	LOCATION	CODES = COMMENTS	UNWEIGHTED FREQUENCIES PUBLIC SCHOOL	PRIVATE SCHOOL
		Standard Dev	7.858	8.199
		99 = Not answered	582	273
		bl = Not applicable	3464	1295
TSC109	482 - 483			
		0-90 = Number of undergraduate quarter courses		
		Maximum	60	60
		Minimum	0	0
		Mean	2.701	2.624
		Standard Dev	6.719	7.831
		99 = Not answered	967	451
		bl = Not applicable	3464	1295
TSC110	484 - 485			
		0-90 = Number of graduate semester courses		
		Maximum	29	32
		Minimum	0	0
		Mean	1.093	1.312
		Standard Dev	3.242	4.357
		99 = Not answered	919	438
		bl = Not applicable	3464	1295
TSC111	486 - 487			
		0-90 = Number of graduate quarter courses		
		Maximum	55	60
		Minimum	0	0
		Mean	0.75	0.478
		Standard Dev	4.221	4.624
		99 = Not answered	1032	474
		bl = Not applicable	3464	1295
TSC112	488 - 489	d. Chemistry		
		0-90 = Number of undergraduate semester courses		
		Maximum	50	41
		Minimum	0	0
		Mean	2.745	2.751
		Standard Dev	5.201	5.513
		99 = Not answered	635	298
		bl = Not applicable	3464	1295
TSC113	490 - 491			

FIELD NAME	LOCATION	CODES = COMMENTS	UNWEIGHTED FREQUENCIES PUBLIC SCHOOL	UNWEIGHTED FREQUENCIES PRIVATE SCHOOL
		0-90 = Number of undergraduate quarter courses		
		Maximum	40	80
		Minimum	0	0
		Mean	1.858	0.785
		Standard Dev	5.181	5.798
		99 = Not answered	981	451
		bl = Not applicable	3464	1295
TSC114	492 - 493			
		0-90 = Number of graduate semester courses		
		Maximum	60	80
		Minimum	0	0
		Mean	0.538	0.785
		Standard Dev	3.289	5.798
		99 = Not answered	935	447
		bl = Not applicable	3464	1295
TSC115	494 - 495			
		0-90 = Number of graduate quarter courses		
		Maximum	30	30
		Minimum	0	0
		Mean	0.395	0.25
		Standard Dev	2.493	2.341
		99 = Not answered	1037	472
		bl = Not applicable	3464	1295
TSC116	496 - 497	e. Physics		
		0-90 = Number of undergraduate semester courses		
		Maximum	36	27
		Minimum	0	0
		Mean	1.778	1.647
		Standard Dev	3.098	3.403
		99 = Not answered	660	305
		bl = Not applicable	3464	1295
TSC117	498 - 499			
		0-90 = Number of undergraduate semester courses		
		Maximum	74	25

FIELD NAME	LOCATION	CODES = COMMENTS	UNWEIGHTED FREQUENCIES PUBLIC SCHOOL	UNWEIGHTED FREQUENCIES PRIVATE SCHOOL
		Minimum	0	0
		Mean	1.427	0.897
		Standard Dev	5.529	3.031
		99 = Not answered	980	452
		bl = Not applicable	3464	1295
TSC118	500 - 501			
		0-90 = Number of graduate semester courses		
		Maximum	9	24
		Minimum	0	0
		Mean	0.296	0.309
		Standard Dev	1.098	1.955
		99 = Not answered	942	446
		bl = Not applicable	3464	1295
TSC119	502 - 503			
		0-90 = Number of graduate quarter courses		
		Maximum	24	18
		Minimum	0	0
		Mean	0.241	0.168
		Standard Dev	1.641	1.628
		99 = Not answered	1037	471
		bl = Not applicable	3464	1295
TSC120	504 - 505	f. Earth/space science		
		0-90 = Number of undergraduate semester courses		
		Maximum	43	44
		Minimum	0	0
		Mean	1.938	1.745
		Standard Dev	3.963	4.237
		99 = Not answered	656	299
		bl = Not applicable	3464	1295
TSC121	506 - 507			
		0-90 = Number of undergraduate quarter courses		
		Maximum	55	32
		Minimum	0	0
		Mean	1.471	1.283
		Standard Dev	4.521	3.632

FIELD NAME	LOCATION	CODES = COMMENTS	UNWEIGHTED FREQUENCIES PUBLIC SCHOOL	 PRIVATE SCHOOL
		99 = Not answered	974	451
		bl = Not applicable	3464	1295
TSC122	508 - 509			
		0-90 = Number of graduate semester courses		
		Maximum	30	6
		Minimum	0	0
		Mean	0.787	0.256
		Standard Dev	2.968	0.900
		99 = Not answered	921	445
		bl = Not applicable	3464	1295
TSC123	510 - 511			
		0-90 = Number of Graduate quarter courses		
		Maximum	45	78
		Minimum	0	0
		Mean	0.388	0.464
		Standard Dev	2.767	5.804
		99 = Not answered	1028	475
		bl = Not applicable	3464	1295
TSC124	512 - 513	g. Other natural science		
		0-90 = Number of undergraduate semester courses		
		Maximum	36	38
		Minimum	0	0
		Mean	1.577	1.271
		Standard Dev	3.689	3.141
		99 = Not answered	754	335
		bl = Not applicable	3464	1295
TSC125	514 - 515			
		0-90 = Number of undergraduate quarter courses		
		Maximum	60	30
		Minimum	0	0
		Mean	1.090	0.807
		Standard Dev	3.999	3.086
		99 = Not answered	993	459
		bl = Not applicable	3464	1295
TSC126	516 - 517			

			UNWEIGHTED FREQUENCIES	
FIELD NAME	LOCATION	CODES = COMMENTS	PUBLIC SCHOOL	PRIVATE SCHOOL
		0-90 = Number of graduate semester courses		
		Maximum	30	12
		Minimum	0	0
		Mean	0.631	0.305
		Standard Dev	2.554	1.311
		99 = Not answered	944	453
		bl = Not applicable	3464	1295
TSC127	517-518			
		0-90 = Number of graduate quarter courses		
		Maximum	14	1
		Minimum	0	0
		Mean	0.279	0.011
		Standard Dev	1.365	0.105
		99 = Not answered	1033	477
		bl = Not applicable	3464	1295
TSC128	520 - 520	21. Did you take any education or teaching related in-service or college courses requiring 30 or more hours of classroom study during the past two school years?		
		1 = Yes	1731	575
		2 = No	3038	1353
		9 = Not answered	43	23
		bl = Not applicable	0	0
TSC129	521 - 522	For what assignment field was this training relevant?		
		(SEE APPENDIX 'E' FOR FREQUENCIES)		
TSC130	523 - 524	22. What was your MAJOR purpose for taking this training?		
		1 = To fulfill initial certification requirements for current position	477	193
		2 = To maintain and/or improve qualifications for current position	735	230
		3 = To retrain to teach a different subject matter area	77	28
		4 = To retrain to		

			UNWEIGHTED FREQUENCIES	
FIELD NAME	LOCATION	CODES = COMMENTS	PUBLIC SCHOOL	PRIVATE SCHOOL
		teach at a different grade level	13	7
		5 = To retrain to teach handicapped students or students with learning disabilities	33	12
		6 = To acquire credentials in new nonteaching areas	161	27
		99 = Not answered	80	36
		bl = Not applicable	3038	1353
TSC131	525 - 525	23a. Do you have a teaching certificate in this state in your?		
		(1) Primary assignment field		
		1 = Yes	4552	1247
		2 = No	176	691
		9 = Not answered	84	13
		bl = Not applicable	0	0
TSC134	529 - 529	(2) Secondary assignment field (if any)		
		1 = Yes	953	253
		2 = No	502	529
		9 = Not answered	472	172
		bl = No secondary field	2885	997
TSC137	533 - 533	(3) Best qualified field (if different from above)		
		1 = Yes	341	110
		2 = No	128	159
		9 = Not answered	426	195
		bl = Same as primary or secondary field	3917	1487
TSC132	526 - 526	23b. If you do, what type of certification do you hold in?		
		(1) Primary assignment field		
		TYPE OF CERTIFICATION		
		1 = Regular or standard state certification	3282	819
		2 = Probationary		

FIELD NAME	LOCATION	CODES = COMMENTS	UNWEIGHTED FREQUENCIES	
			PUBLIC SCHOOL	PRIVATE SCHOOL
		certification	219	62
		3 = Temporary, provisional, or emergency certification	288	141
		4 = Full certification by accrediting or certifying body other than state	2	54
		9 = Not answered	845	184
		bl = Not applicable	176	691
TSC135	530 - 530	(2) Secondary assignment field (if any)		
		TYPE OF CERTIFICATION		
		1 = Regular or standard state certification	610	159
		2 = Probationary certification	41	7
		3 = Temporary, provisional, or emergency certification	65	28
		4 = Full certification by accrediting or certifying body other than state	0	12
		9 = Not answered	709	219
		bl = Not applicable	3387	15 26
TSC138	534 - 534	(3) Best qualified field (if different from above)		
		TYPE OF CERTIFICATION		
		1 = Regular or standard state certification	224	72
		2 = Probationary certification	20	3
		3 = Temporary, provisional, or emergency certification	21	11
		4 = Full certification by accrediting or certifying body other than state	0	9
		9 = Not answered	502	210
		bl = Not applicable	4045	1646
TSC133	527 - 528	23c. In what year were you certified in each field?		
		(1) Primary assign-		

			UNWEIGHTED FREQUENCIES	
FIELD NAME	LOCATION	CODES = COMMENTS	PUBLIC SCHOOL	PRIVATE SCHOOL
		ment field		
		17-88 = Year		
		Maximum	88	88
		Minimum	19	30
		Mean	77.061	79.577
		Standard Dev	9.936	8.684
		99 = Not answered	404	148
		bl = Not applicable	176	691
TSC136	531 - 532	(2) Secondary assignment field		
		17-88 = Year		
		Maximum	88	88
		Minimum	40	44
		Mean	77.482	79.327
		Standard Dev	9.985	8.870
		99 = Not answered	583	202
		bl = Not applicable	3387	1526
TSC139	535 - 536	(3) Best qualified field (if different from above)		
		17-88 = Year		
		Maximum	88	88
		Minimum	42	44
		Mean	78.592	80.094
		Standard Dev	9.471	8.447
		99 = Not answered	463	210
		bl = Not applicable	4045	1646
TSC140	537 - 537	24. In what grade levels are the students in your classes at this school?		
		1 = Prekindergarten	98	100
		9 = No answer to question 24	4	1
		bl = Not applicable	4710	1850
TSC141	538 - 538			
		2 = Kindergarten	646	331
		9 = No answer to question 24	4	1
		bl = Not applicable	4162	1619
TSC142	539 - 539			
		3 = 1st	863	456
		9 = No answer to question 24	4	1
		bl = Not applicable	3945	1494

			UNWEIGHTED FREQUENCIES	
FIELD NAME	LOCATION	CODES = COMMENTS	PUBLIC SCHOOL	PRIVATE SCHOOL
TSC143	540 - 540			
		4 = 2nd	872	457
		9 = No answer to question 24	4	1
		bl = Not applicable	3936	1493
TSC144	541 - 541			
		5 = 3rd	859	464
		9 = No answer to question 24	4	1
		bl = Not applicable	3949	1486
TSC145	542 - 542			
		6 = 4th	909	462
		9 = No answer to question 24	4	1
		bl = Not applicable	3899	1488
TSC146	543 - 544			
		7 = 5th	944	496
		99 = No answer to question 24	4	1
		bl = Not applicable	3864	1454
TSC147	545 - 546			
		8 = 6th	928	502
		99 = No answer to question 24	4	1
		bl = Not applicable	3880	1448
TSC148	547 - 548			
		9 = 7th	969	555
		99 = No answer to question 24	4	1
		bl = Not answered	3839	1395
TSC149	549 - 550			
		10 = 8th	1037	422
		99 = No answer to question 24	4	1
		bl = Not applicable	3771	1401
TSC150	551 - 552			
		11 = 9th	1372	422
		99 = No answer to question 24	4	1
		bl = Not applicable	3436	1528
TSC151	553 - 554			
		12 = 10th	1435	452
		99 = No answer to question 24	4	1
		bl = Not applicable	3373	1498

FIELD NAME	LOCATION	CODES = COMMENTS	UNWEIGHTED FREQUENCIES	
			PUBLIC SCHOOL	PRIVATE SCHOOL
TSC152	555 - 556			
		13 = 11th	1441	428
		99 = No answer to question 24	4	1
		bl = Not applicable	3367	1522
TSC153	557 - 558			
		14 = 12th	1429	405
		99 = No answer to question 24	4	1
		bl = Not applicable	3379	1545
TSC154	559 - 560			
		15 = 13th	23	13
		99 = No answer to question 24	4	1
		bl = Not applicable	4785	1937
TSC155	561 - 562			
		16 = 14th	16	4
		99 = No answer to question 24	4	1
		bl = Not applicable	4792	1946
TSC156	563 - 564			
		17 = Ungraded	193	50
		99 = No answer to question 24	4	1
		bl = Not applicable	4615	1900
TSC157	565 - 565	25. Which of the following best describes the way your classes at this school are organized?		
		1 = Self-contained class	1752	957
		2 = Departmentalized instruction	2354	833
		3 = Team teaching	184	97
		4 = "Pull out" class	509	60
		9 = Not answered	13	4
		bl = Not applicable	0	0
TSC158	566 - 568	26a. At this school, how many students were enrolled in the class or program you taught during the most recent full week school was in session?		
		1-120 = Students		
		Maximum	120	120
		Minimum	1	1

FIELD NAME	LOCATION	CODES = COMMENTS	UNWEIGHTED FREQUENCIES	
			PUBLIC SCHOOL	PRIVATE SCHOOL
		Mean	24.717	21.691
		Standard Dev	16.126	13.385
		99 = Not answered	130	41
		bl = Not applicable	2446	867
TSC159	569 - 570	26b. Approximately how many hours did you spend teaching the following subjects during the week?		
		(1) English/reading/ language arts		
		0 = None 1-40 = Hours		
		Maximum	40	35
		Minimum	0	0
		Mean	9.388	8.109
		Standard Dev	6.850	5.279
		99 = Not answered	162	74
		bl = Not applicable	2446	867
TSC160	571 - 572	(2) Arithmetic/ mathematics		
		0 = None 1-40 = Hours		
		Maximum	40	40
		Minimum	0	0
		Mean	4.445	4.337
		Standard Dev	4.009	3.175
		99 = Not answered	193	80
		bl = Not applicable	2446	867
TSC161	573 - 574	(3) Social studies/ history		
		0 = None 1-40 = Hours		
		Maximum	40	40
		Minimum	0	0
		Mean	2.473	2.402
		Standard Dev	3.180	2.651
		99 = Not answered	237	94
		bl = Not applicable	2446	867
TSC162	575 - 576	(4) Science		
		0 = None 1-40 = Hours		
		Maximum	40	40
		Minimum	0	0
		Mean	2.251	2.322

FIELD NAME	LOCATION	CODES = COMMENTS	UNWEIGHTED FREQUENCIES	
			PUBLIC SCHOOL	PRIVATE SCHOOL
		Standard Dev	3.219	3.096
		99 = Not answered	243	96
		bl = Not applicable	2446	867
TSC163	577 - 577	26c. Did you assign any homework during the most recent full week?		
		1 = Yes	1603	832
		2 = No	715	227
		9 = Not answered	48	25
		bl = Not applicable	2446	867
TSC164	578 - 578	26d. Which of the following best describes the general academic achievement level of your students relative to the other students at this school?		
		1 = Primarily higher achieving students	199	254
		2 = Primarily average achieving students	733	453
		3 = Primarily lower achieving students	629	57
		4 = Students of widely differing achievement levels	765	299
		9 = Not answered	40	21
		bl = Not applicable	2446	867
TSC165	579 - 579	27. The following refer to the subject matter classes you taught AT THIS SCHOOL during the most recent FULL week school was in session?		
		1 = School day is not organized by class periods	80	32
		bl = Not applicable	4550	1854
TSC166 TSC173 TSC180 TSC187 TSC194 TSC201 TSC208 TSC215 TSC222	580 - 581 592 - 593 604 - 605 616 - 617 628 - 629 640 - 641 652 - 653 664 - 665 676 - 677	a. What was the subject matter of each class you taught (SEE APPENDIX 'F' FOR FREQUENCIES) business/vocational 11 = Accounting/bookkeeping 12 = Shorthand 13 = Typing 14 = Other business education courses 15 = Career ed. 16 = Agriculture		

17 = Industrial arts
18 = Home economics
19 = Other vocational, trade, and industrial education

English/language arts
21 = Literature
22 = Composition/journalism/creative writing
23 = Reading
24 = English as a second language
25 = Other English/language arts courses

Foreign languages
31 = French
32 = German
33 = Latin
34 = Russian
35 = Spanish
36 = Other foreign language

Mathematics
41 = General math
42 = Business math
43 = Algebra, elem. Algebra, intermediate
45 = Algebra, advanced
46 = Geometry, plane/solid
47 = Trigonometry
48 = Analytic geometry/math analysis Probability/statistics
50 = Calculus
51 = Other mathematics

Computer science
52 = Computer awareness/applications
53 = Computer programming
54 = Other computer science

Natural science
61 = General science
62 = Biology/life science
63 = Chemistry
64 = Physics
65 = Earth/space science
66 = Other physical science
67 = Other natural

FIELD NAME	LOCATION	CODES = COMMENTS	PUBLIC SCHOOL	PRIVATE SCHOOL
		science		
		Social science 70 = Social studies 71 = History 72 = World civilization 73 = Political science/ government 74 = Geography 75 = Economics 76 = Civics 77 = Sociology/social organization 78 = Other social sciences		
		Visual and performing arts 81 = Arts and crafts 82 = Filmmaking/ photography 83 = Chorus 84 = Band 85 = Drama/theater/ dance 86 = Music 87 = Other visual/ performing arts		
		Other areas 91 = Driver ed. 92 = Health 93 = Philosophy/ religion 94 = Physical ed. 95 = Psychology 96 = Other courses not elsewhere classified 99 = Not answered bl = Not applicable		
TSC167	582 - 583	b. For how many periods per week does each class meet?		
		1-40 = Periods		
		Maximum	40	40
		Minimum	1	1
		Mean	5.458	5.087
		Standard Dev	3.899	3.532
		99 = Not answered	273	92
		bl = Not applicable	2661	1194
TSC174	594 - 595			
		1-40 = Periods		
		Maximum	40	40

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FIELD NAME	LOCATION	CODES = COMMENTS	UNWEIGHTED FREQUENCIES PUBLIC SCHOOL	PRIVATE SCHOOL
		Minimum	1	1
		Mean	4.942	4.699
		Standard Dev	2.356	2.709
		99 = Not answered	252	87
		bl = Not applicable	2779	1242
TSC181	606 - 607			
		1-40 = Periods		
		Maximum	40	35
		Minimum	1	1
		Mean	4.826	4.589
		Standard Dev	2.087	2.393
		99 = Not answered	257	86
		bl = Not applicable	2838	1255
TSC188	618 - 619			
		1-40 = Periods		
		Maximum	40	35
		Minimum	1	1
		Mean	4.817	4.480
		Standard Dev	1.984	2.469
		99 = Not answered	252	87
		bl = Not applicable	2977	1312
TSC195	630 - 631			
		1-40 = Periods		
		Maximum	35	40
		Minimum	1	1
		Mean	4.769	4.442
		Standard Dev	1.927	2.899
		99 = Not answered	241	83
		bl = Not applicable	3116	1386
TSC202	642 - 643			
		1-40 = Periods		
		Maximum	30	35
		Minimum	1	1
		Mean	4.732	4.276
		Standard Dev	1.872	2.911
		99 = Not answered	227	81
		bl = Not applicable	3318	1471
TSC209	654 - 655			
		1-40 = Periods		
		Maximum	40	40
		Minimum	1	1

FIELD NAME	LOCATION	CODES = COMMENTS	UNWEIGHTED FREQUENCIES PUBLIC SCHOOL	UNWEIGHTED FREQUENCIES PRIVATE SCHOOL
		Mean	4.649	4.259
		Standard Dev	1.945	3.566
		99 = Not answered	217	79
		bl = Not applicable	3787	1544
TSC216	666 - 667			
		1-40 = Periods		
		Maximum	40	40
		Minimum	1	1
		Mean	4.36	3.951
		Standard Dev	2.784	3.773
		99 = Not answered	207	74
		bl = Not applicable	4330	1715
TSC223	678 - 679			
		1-40 = Periods		
		Maximum	40	20
		Minimum	1	1
		Mean	4	3.957
		Standard Dev	3.807	3.565
		99 = Not answered	207	72
		bl = Not applicable	4487	1809
TSC168	584 - 585	c. What is the grade level of MOST of the students in each of your classes		
		1 = Grade level	39	17
		2 =	17	11
		3 =	22	9
		4 =	29	19
		5 =	61	37
		6 =	133	47
		7 =	228	75
		8 =	204	64
		9 =	268	76
		10 =	202	73
		11 =	161	57
		12 =	144	54
		13 = Prekindergarten	2	4
		14 = Kindergarten	31	27
		15 = Ungraded	32	5
		99 = Not answered	578	182
		bl = Not applicable	2661	1194
TSC175	596 - 597			
		1 = Grade level	37	22
		2 =	32	21
		3 =	22	14
		4 =	39	13
		5 =	63	42
		6 =	112	50
		7 =	194	77
		8 =	224	76

FIELD NAME	LOCATION	CODES = COMMENTS	UNWEIGHTED FREQUENCIES PUBLIC SCHOOL	UNWEIGHTED FREQUENCIES PRIVATE SCHOOL
		9 =	223	70
		10 =	199	58
		11 =	174	56
		12 =	150	45
		13 = Prekindergarten	0	1
		14 = Kindergarten	13	10
		15 = Ungraded	31	6
		99 = Not answered	520	148
		bl = Not applicable	2779	1242
TSC182	608 - 609			
		1 = Grade level	21	16
		2 =	32	22
		3 =	29	22
		4 =	42	16
		5 =	68	29
		6 =	114	50
		7 =	200	65
		8 =	193	68
		9 =	246	65
		10 =	180	64
		11 =	152	62
		12 =	156	49
		13 = Prekindergarten	0	1
		14 = Kindergarten	15	8
		15 = Ungraded	21	6
		99 = Not answered	505	153
		bl = Not applicable	2838	1255
TSC189	620 - 621			
		1 = Grade level	18	11
		2 =	21	10
		3 =	41	23
		4 =	36	24
		5 =	56	35
		6 =	100	45
		7 =	172	66
		8 =	186	62
		9 =	199	52
		10 =	190	57
		11 =	155	42
		12 =	128	57
		13 = Prekindergarten	0	0
		14 = Kindergarten	14	2
		15 = Ungraded	29	6
		99 = Not answered	490	147
		bl = Not applicable	2977	1312
TSC196	632 - 633			
		1 = Grade level	18	3
		2 =	28	3
		3 =	20	15
		4 =	34	28
		5 =	70	38
		6 =	91	48
		7 =	151	53
		8 =	178	60
		9 =	20	448
		10 =	158	37
		11 =	139	46

FIELD NAME	LOCATION	CODES = COMMENTS	UNWEIGHTED FREQUENCIES	
			PUBLIC SCHOOL	PRIVATE SCHOOL
		12 =	119	40
		13 = Prekindergarten	0	1
		14 = Kindergarten	8	3
		15 = Ungraded	18	6
		99 = Not answered	456	140
		bl = Not applicable	3116	1386
TSC203	644 - 645			
		1 = Grade level	22	6
		2 =	18	5
		3 =	8	9
		4 =	25	11
		5 =	59	42
		6 =	90	47
		7 =	148	44
		8 =	159	44
		9 =	181	24
		10 =	126	37
		11 =	117	26
		12 =	91	35
		13 = Prekindergarten	1	1
		14 = Kindergarten	9	3
		15 = Ungraded	20	9
		99 = Not answered	420	137
		bl = Not applicable	3318	1471
TSC210	656 - 657			
		1 = Grade level	13	5
		2 =	15	2
		3 =	7	5
		4 =	12	8
		5 =	30	18
		6 =	71	43
		7 =	82	45
		8 =	131	32
		9 =	112	26
		10 =	74	39
		11 =	65	25
		12 =	50	24
		13 = Prekindergarten	0	0
		14 = Kindergarten	12	2
		15 = Ungraded	9	4
		99 = Not answered	342	129
		bl = Not applicable	3787	1544
TSC217	668 - 669			
		1 = Grade level	5	2
		2 =	11	0
		3 =	7	2
		4 =	11	4
		5 =	14	7
		6 =	22	14
		7 =	35	24
		8 =	33	23
		9 =	26	16
		10 =	26	13
		11 =	28	11
		12 =	13	12
		13 = Prekindergarten	0	3
		14 = Kindergarten	3	1

FIELD NAME	LOCATION	CODES = COMMENTS	UNWEIGHTED FREQUENCIES PUBLIC SCHOOL	 PRIVATE SCHOOL
		15 = Ungraded	34	4
		99 = Not answered	245	100
		bl = Not applicable	4330	1715
TSC224	680 - 681			
		1 = Grade level	7	1
		2 =	2	2
		3 =	8	3
		4 =	6	1
		5 =	6	2
		6 =	8	7
		7 =	11	8
		8 =	24	11
		9 =	6	3
		10 =	10	7
		11 =	7	2
		12 =	3	9
		13 = Prekindergarten	0	0
		14 = Kindergarten	1	2
		15 = Ungraded	1	2
		99 = Not answered	225	82
		bl = Not applicable	4487	1809
TSC169	586 - 588	d. How many students are enrolled in each class period		
		1-120 = Students		
		Maximum	120	120
		Minimum	1	1
		Mean	23.368	19.695
		Standard Dev	13.635	13.115
		99 = Not answered	289	104
		bl = Not Applicable	2661	1194
TSC176	598 - 600			
		1-120 = Students		
		Maximum	115	120
		Minimum	1	1
		Mean	22.114	19.027
		Standard Dev	11.247	11.281
		99 = Not answered	258	89
		bl = Not Applicable	2779	1242
TSC183	610 - 612			
		1-120 = Students		
		Maximum	120	92
		Minimum	1	1
		Mean	22.458	18.761
		Standard Dev	11.387	10.958
		99 = Not answered	251	84
		bl = Not applicable	2838	1255
TSC190	622 - 624			

FIELD NAME	LOCATION	CODES = COMMENTS	UNWEIGHTED FREQUENCIES PUBLIC SCHOOL	UNWEIGHTED FREQUENCIES PRIVATE SCHOOL
		1-120 = Students		
		Maximum	116	93
		Minimum	1	1
		Mean	22.231	18.517
		Standard Dev	10.778	9.882
		99 = Not answered	245	86
		bl = Not applicable	2977	1312
TSC197	634 -636			
		1-120 = Students		
		Maximum	120	90
		Minimum	1	1
		Mean	22.261	18.773
		Standard Dev	11.087	11.121
		99 = Not answered	247	85
		bl = Not applicable	3116	1386
TSC204	646 - 648			
		1-120 = Students		
		Maximum	120	117
		Minimum	1	1
		Mean	22.138	19.661
		Standard Dev	12.128	12.898
		99 = Not answered	236	82
		bl = Not applicable	3318	1471
TSC211	658 - 660			
		1-120 = Students		
		Maximum	105	110
		Minimum	1	1
		Mean	21.109	18.685
		Standard Dev	10.788	11.559
		99 = Not answered	225	86
		bl = Not applicable	3787	1544
TSC218	670 - 672			
		1-120 = Students		
		Maximum	88	40
		Minimum	1	1
		Mean	21.896	18.121
		Standard Dev	12.183	8.502
		99 = Not answered	213	79
		bl = Not applicable	4330	1715
TSC225	682 - 684			
		1-120 = Students		
		Maximum	93	94

FIELD NAME	LOCATION	CODES = COMMENTS	UNWEIGHTED FREQUENCIES PUBLIC SCHOOL	PRIVATE SCHOOL
		Minimum	2	1
		Mean	23.141	21.179
		Standard Dev	13.702	18.510
		99 = Not answered	204	75
		bl = Not applicable	4487	1809
TSC170	589 - 589	e. Did you assign homework during the last full week		
		1 = Yes	1331	507
		2 = No	540	160
		9 = Not answered	280	90
		bl = Not applicable	2661	1194
TSC177	601 - 601			
		1 = Yes	1239	485
		2 = No	514	133
		9 = Not answered	280	91
		bl = Not applicable	2779	1242
TSC184	613 - 613			
		1 = Yes	1200	474
		2 = No	489	138
		9 = Not answered	285	84
		bl = Not applicable	2838	1255
TSC191	625 - 625			
		1 = Yes	1079	405
		2 = No	470	148
		9 = Not answered	286	86
		bl = Not applicable	2977	1312
TSC198	637 - 637			
		1 = Yes	967	355
		2 = No	445	126
		9 = Not answered	284	84
		bl = Not applicable	3116	1386
TSC205	649 - 649			
		1 = Yes	816	276
		2 = No	406	115
		9 = Not answered	272	89
		bl = Not applicable	3318	1471
TSC212	661 - 661			
		1 = Yes	504	204
		2 = No	270	113
		9 = Not answered	251	90
		bl = Not applicable	3787	1544
TSC219	673 - 673			
		1 = Yes	151	84

FIELD NAME	LOCATION	CODES = COMMENTS	UNWEIGHTED FREQUENCIES PUBLIC SCHOOL	PRIVATE SCHOOL
		2 = No	126	75
		9 = Not answered	205	77
		bl = Not applicable	4330	1715
TSC226	685 - 685			
		1 = Yes	61	32
		2 = No	69	39
		9 = Not answered	195	71
		bl = Not applicable	4487	1809
TSC171 TSC178 TSC185 TSC192 TSC199 TSC206 TSC213 TSC220 TSC227	590 - 590 602 - 602 614 - 614 626 - 626 638 - 638 650 - 650 662 - 662 674 - 674 686 - 686	f. What is the achievement level of students in each class you taught, relative to others at this school (SEE APPENDIX 'G' FOR FREQUENCIES)		
		1 = Primarily higher achieving students		
		2 = Primarily average achieving students		
		3 = Primarily lower achieving students		
		4 = Students of widely differing achievement levels		
		9 = Not answered		
		bl = Not applicable		
TSC172 TSC179 TSC186 TSC193 TSC200 TSC207 TSC214 TSC221 TSC228	591 - 591 603 - 603 615 - 615 627 - 627 639 - 639 651 - 651 663 - 663 675 - 675 687 - 687	g. For each class period you taught, was it advanced placement, bilingual, gifted, remedial, or special education (SEE APPENDIX 'H' FOR FREQUENCIES)		
		1 = Advanced placement (AP) - allows completion of college level credit		
		2 = Bilingual		
		3 = Gifted		
		4 = Remedial		
		5 = Special education		
		6 = None of the above		
		9 = Not answered		
		bl = Not applicable		
TSC238	706 - 706	29. Do you agree or disagree with each of the following statements?		
		a. Teachers in this school are evaluated fairly		

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FIELD NAME	LOCATION	CODES = COMMENTS	UNWEIGHTED FREQUENCIES PUBLIC SCHOOL	PRIVATE SCHOOL
		1 = Strongly agree	1764	895
		2 = Somewhat agree	2185	742
		3 = Somewhat disagree	564	189
		4 = Strongly disagree	257	91
		9 = Not answered	42	34
TSC239	707 - 707	b. The principal (school head) lets staff members know what is expected		
		1 = Strongly agree	2212	909
		2 = Somewhat agree	1781	713
		3 = Somewhat disagree	563	220
		4 = Strongly disagree	228	95
		9 = Not answered	28	14
TSC240	708 - 708	c. The school administration's behavior toward the staff is supportive and encouraging		
		1 = Strongly agree	1892	1055
		2 = Somewhat agree	1755	568
		3 = Somewhat disagree	749	207
		4 = Strongly disagree	386	109
		9 = Not answered	30	12
TSC241	709 - 709	d. I am satisfied with my teaching salary		
		1 = Strongly agree	436	205
		2 = Somewhat agree	1590	467
		3 = Somewhat disagree	1218	446
		4 = Strongly disagree	1542	807
		9 = Not answered	26	26
TSC242	710 - 710	e. The level of student misbehavior in this school interferes with my teaching		
		1 = Strongly agree	627	127
		2 = Somewhat agree	1514	446
		3 = Somewhat disagree	1162	457
		4 = Strongly disagree	1476	896
		9 = Not answered	33	25
TSC243	711 - 711	f. Teachers participate in making most of the important decisions in this school		
		1 = Strongly agree	678	491
		2 = Somewhat agree	2019	860
		3 = Somewhat disagree	1253	356
		4 = Strongly disagree	818	220
		9 = Not answered	44	24
TSC244	712 - 712	g. I receive a great deal of support from parents for the work		

FIELD NAME	LOCATION	CODES = COMMENTS	UNWEIGHTED FREQUENCIES PUBLIC SCHOOL	UNWEIGHTED FREQUENCIES PRIVATE SCHOOL
		I do		
		1 = Strongly agree	780	714
		2 = Somewhat agree	1999	834
		3 = Somewhat disagree	1221	277
		4 = Strongly disagree	781	105
		9 = Not answered	31	21
TSC245	713 - 713	h. Necessary materials are available as needed by the staff		
		1 = Strongly agree	1687	858
		2 = Somewhat agree	1818	703
		3 = Somewhat disagree	862	271
		4 = Strongly disagree	424	106
		9 = Not answered	21	13
TSC246	714 - 714	i. The principal (school head) does a poor job of getting resources for this school		
		1 = Strongly agree	200	86
		2 = Somewhat agree	701	277
		3 = Somewhat disagree	1557	570
		4 = Strongly disagree	2313	993
		9 = Not answered	41	25
TSC247	715 - 715	j. Routine duties and paperwork interfere with my job of teaching		
		1 = Strongly agree	1306	188
		2 = Somewhat agree	2090	620
		3 = Somewhat disagree	920	576
		4 = Strongly disagree	472	555
		9 = Not answered	24	12
TSC248	716 - 716	k. My principal (school head) enforces school rules for student conduct and backs me up when I need it		
		1 = Strongly agree	2336	1128
		2 = Somewhat agree	1557	517
		3 = Somewhat disagree	553	186
		4 = Strongly disagree	325	99
		9 = Not answered	41	21
TSC249	717 - 717	l. The principal (school head) talks with me frequently about my instructional practices		
		1 = Strongly agree	606	304
		2 = Somewhat agree	1688	707
		3 = Somewhat disagree	1439	537
		4 = Strongly disagree	1034	383
		9 = Not answered	45	20

FIELD NAME	LOCATION	CODES = COMMENTS	UNWEIGHTED FREQUENCIES PUBLIC SCHOOL	UNWEIGHTED FREQUENCIES PRIVATE SCHOOL
TSC250	718 - 718	m. Rules for student behavior are consistently enforced by teachers in this school, even for students who are not in their classes		
		1 = Strongly agree	1126	734
		2 = Somewhat agree	1868	704
		3 = Somewhat disagree	1077	324
		4 = Strongly disagree	709	167
		9 = Not answered	32	22
TSC251	719 - 719	n. Most of my colleagues share my beliefs and values about what the central mission of the school should be		
		1 = Strongly agree	1583	1071
		2 = Somewhat agree	2505	691
		3 = Somewhat disagree	542	137
		4 = Strongly disagree	141	31
		9 = Not answered	41	21
TSC252	720 - 720	o. The principal (school head) knows what kind of school he/she wants and has communicated it to the staff		
		1 = Strongly agree	2051	1007
		2 = Somewhat agree	1711	630
		3 = Somewhat disagree	738	205
		4 = Strongly disagree	277	96
		9 = Not answered	35	13
TSC253	721 - 721	p. There is a great deal of cooperative effort among staff members		
		1 = Strongly agree	1654	1013
		2 = Somewhat agree	2040	680
		3 = Somewhat disagree	820	180
		4 = Strongly disagree	270	61
		9 = Not answered	28	17
TSC254	722 - 722	q. In this school, staff members are recognized for a job well done		
		1 = Strongly agree	1177	671
		2 = Somewhat agree	1965	781
		3 = Somewhat disagree	1081	326
		4 = Strongly disagree	560	155
		9 = Not answered	29	18
TSC255	723 - 723	r. I have to follow rules in this school that conflict with my best professional judgment		

			UNWEIGHTED FREQUENCIES	
FIELD NAME	LOCATION	CODES = COMMENTS	PUBLIC SCHOOL	PRIVATE SCHOOL
		1 = Strongly agree	310	127
		2 = Somewhat agree	1032	326
		3 = Somewhat disagree	1550	484
		4 = Strongly disagree	1885	994
		9 = Not answered	35	20
TSC256	724 - 724	s. I am satisfied with my class size		
		1 = Strongly agree	1780	1127
		2 = Somewhat agree	1549	498
		3 = Somewhat disagree	769	193
		4 = Strongly disagree	683	121
		9 = Not answered	31	12
TSC257	725 - 725	t. I make a conscious effort to coordinate the content of my courses with that of other teachers		
		1 = Strongly agree	1861	746
		2 = Somewhat agree	2147	860
		3 = Somewhat disagree	570	225
		4 = Strongly disagree	168	85
		9 = Not answered	66	35
TSC258	726 - 726	u. Goals and priorities for the school are clear		
		1 = Strongly agree	1755	944
		2 = Somewhat agree	2025	650
		3 = Somewhat disagree	736	238
		4 = Strongly disagree	264	101
		9 = Not answered	32	18
TSC259	727 - 727	v. The amount of student tardiness and class cutting in this school interferes with my teaching		
		1 = Strongly agree	569	103
		2 = Somewhat agree	1137	288
		3 = Somewhat disagree	1080	357
		4 = Strongly disagree	1991	1181
		9 = Not answered	35	22
TSC260	728 - 728	w. I sometimes feel it is a waste of time to try to do my best as a teacher		
		1 = Strongly agree	410	78
		2 = Somewhat agree	1105	321
		3 = Somewhat disagree	852	237
		4 = Strongly disagree	2419	1299
		9 = Not answered	26	16
TSC261	729 - 729	30. If you could go back to your college days and		

			UNWEIGHTED FREQUENCIES	
FIELD NAME	LOCATION	CODES = COMMENTS	PUBLIC SCHOOL	PRIVATE SCHOOL
		start over again, would you become a teacher or not?		
		1 = Certainly would become a teacher	1521	807
		2 = Probably would become a teacher	1290	542
		3 = Chances about even for and against	846	329
		4 = Probably would not become a teacher	729	194
		5 = Certainly would not become a teacher	401	65
		9 = Not answered	25	14
TSC262	730 - 730	31. Indicate the degree to which each of the following matters is a problem in this school		
		a. Student		
		1 = Serious	482	81
		2 = Moderate	1243	343
		3 = Minor	1834	720
		4 = Not a problem	1185	790
		9 = Not answered	68	17
TSC263	731 - 731	b. Student absenteeism		
		1 = Serious	834	67
		2 = Moderate	1534	312
		3 = Minor	1644	751
		4 = Not a problem	768	806
		9 = Not answered	32	15
TSC264	732 - 732	c. Teacher absenteeism		
		1 = Serious	110	17
		2 = Moderate	739	104
		3 = Minor	1746	463
		4 = Not a problem	2178	1354
		9 = Not answered	39	13
TSC265	733 - 733	d. Students cutting class		
		1 = Serious	300	28
		2 = Moderate	643	57
		3 = Minor	1385	279
		4 = Not a problem	2448	1573
		9 = Not answered	36	14
TSC266	734 - 734	e. Physical conflicts among students		
		1 = Serious	288	39
		2 = Moderate	949	140
		3 = Minor	2212	698

			UNWEIGHTED FREQUENCIES	
FIELD NAME	LOCATION	CODES = COMMENTS	PUBLIC SCHOOL	PRIVATE SCHOOL
		4 = Not a problem	1336	1062
		9 = Not answered	27	12
TSC267	735 - 735	f. Robbery or theft		
		1 = Serious	199	32
		2 = Moderate	675	109
		3 = Minor	2187	519
		4 = Not a problem	1718	1280
		9 = Not answered	33	11
TSC268	736 - 736	g. Vandalism of school property		
		1 = Serious	293	32
		2 = Moderate	876	133
		3 = Minor	2188	623
		4 = Not a problem	1426	1151
		9 = Not answered	29	12
TSC269	737 - 737	h. Student pregnancy		
		1 = Serious	360	13
		2 = Moderate	568	20
		3 = Minor	1200	131
		4 = Not a problem	2648	1768
		9 = Not answered	36	19
TSC270	738 - 738	i. Student use of alcohol		
		1 = Serious	608	69
		2 = Moderate	991	155
		3 = Minor	1041	276
		4 = Not a problem	2127	1437
		9 = Not answered	45	14
TSC271	739 - 739	j. Student drug abuse		
		1 = Serious	440	41
		2 = Moderate	966	123
		3 = Minor	1327	299
		4 = Not a problem	2033	1473
		9 = Not answered	46	15
TSC272	740 - 740	k. Student possession of weapons		
		1 = Serious	89	8
		2 = Moderate	252	8
		3 = Minor	1236	113
		4 = Not a problem	3194	1811
		9 = Not answered	41	11
TSC273	741 - 741	l. Physical abuse of teachers		
		1 = Serious	38	15
		2 = Moderate	127	15
		3 = Minor	773	56
		4 = Not a problem	3845	1855
		9 = Not answered	29	10

			UNWEIGHTED FREQUENCIES	
FIELD NAME	LOCATION	CODES = COMMENTS	PUBLIC SCHOOL	PRIVATE SCHOOL
TSC274	742 - 742	m. Verbal abuse of teachers		
		1 = Serious	436	64
		2 = Moderate	883	150
		3 = Minor	1935	569
		4 = Not a problem	1533	1157
		9 = Not answered	25	11
TSC275	743 - 743	32. At this school, how much actual influence do you think teachers have over school policy in each of the areas below? (Parts a through d of item 32 use a scale of 1 to 6 where 1 means "no influence" and 6 means "a great deal of influence") a. Determining discipline policy		
		1 = None	479	116
		2 =	787	138
		3 =	944	276
		4 =	949	369
		5 =	1016	542
		6 = A great deal	600	494
		9 = Not answered	37	16
TSC276	744 - 744	b. Determining the content of inservice programs		
		1 = None	641	307
		2 =	839	260
		3 =	971	326
		4 =	883	381
		5 =	935	368
		6 = A great deal	503	266
		9 = Not answered	40	43
TSC277	745 - 745	c. Setting policy on grouping students in classes by ability		
		1 = None	987	295
		2 =	848	234
		3 =	892	250
		4 =	740	297
		5 =	734	380
		6 = A great deal	539	441
		9 = Not answered	72	54
TSC278	746 - 746	d. Establishing curriculum		
		1 = None	544	168

FIELD NAME	LOCATION	CODES = COMMENTS	UNWEIGHTED FREQUENCIES PUBLIC SCHOOL	UNWEIGHTED FREQUENCIES PRIVATE SCHOOL
		2 =	688	155
		3 =	924	244
		4 =	933	332
		5 =	1041	556
		6 = A great deal	635	478
		9 = Not answered	47	18
TSC279	747 - 747	33. At this school, how much control do you feel you have IN YOUR CLASSROOM over each of the following areas of your planning and teaching (Parts a through e of item 33 use a scale of 1 to 6 where 1 means "no control" and 6 means "complete control") a. Selecting textbooks and other instructional materials		
		1 = None	379	121
		2 =	510	154
		3 =	619	220
		4 =	698	280
		5 =	1318	595
		6 = Complete control	1257	565
		9 = Not answered	31	16
TSC280	748 - 748	b. Selecting content, topics, and skills to be taught		
		1 = None	294	66
		2 =	407	77
		3 =	518	165
		4 =	664	242
		5 =	1426	623
		6 = Complete control	1473	764
		9 = Not answered	30	14
TSC281	749 - 749	c. Selecting teaching techniques		
		1 = None	50	11
		2 =	102	26
		3 =	201	55
		4 =	376	98
		5 =	1382	484
		6 = Complete control	1677	1263
		9 = Not answered	24	14
TSC282	750 - 750	d. Disciplining students		
		1 = None	91	12
		2 =	226	44
		3 =	468	96
		4 =	741	205

FIELD NAME	LOCATION	CODES = COMMENTS	UNWEIGHTED FREQUENCIES	
			PUBLIC SCHOOL	PRIVATE SCHOOL
		5 =	1615	710
		6 = Complete control	1648	868
		9 = Not answered	23	16
TSC283	751 - 751	e. Determining the amount of homework to be assigned		
		1 = None	59	21
		2 =	80	17
		3 =	175	58
		4 =	307	134
		5 =	1091	459
		6 = Complete control	3046	1230
		9 = Not answered	54	32
TSC284	752 - 753	34. To what extent has each of the following people at this school helped you improve your teaching or solve an instructional or class management problem? (Parts a through d of item 34 use a scale of 1 to 6 where 1 means "no help" and 6 means "extremely helpful") a. Principal or school head		
		1 = No help	629	186
		2 =	629	194
		3 =	666	233
		4 =	788	302
		5 =	912	391
		6 = Extremely helpful	1011	559
		7 =	152	71
		99 = Not answered	25	15
TSC285	754 - 755	b. Department chair		
		1 = No help	489	121
		2 =	302	65
		3 =	313	71
		4 =	336	88
		5 =	440	143
		6 = Extremely helpful	489	200
		7 =	2375	1230
		99 = Not answered	68	33
TSC286	756 - 757	c. Other school administrators		
		1 = No help	911	215
		2 =	559	123
		3 =	557	145
		4 =	567	147
		5 =	645	179
		6 = Extremely helpful	501	203
		7 =	1023	913
		99 = Not answered	49	26

			UNWEIGHTED FREQUENCIES	
FIELD NAME	LOCATION	CODES = COMMENTS	PUBLIC SCHOOL	PRIVATE SCHOOL
TSC287	758 - 759	d. Other teachers		
		1 = No help	258	77
		2 =	323	118
		3 =	563	196
		4 =	874	343
		5 =	1233	513
		6 = Extremely helpful	1345	591
		7 =	185	96
		99 = Not answered	31	17
TSC288	760 - 760	35. How long do you plan to remain in teaching?		
		1 = As long as I am able	1389	823
		2 = Until I am eligible for retirement	1364	176
		3 = Will probably continue unless something better comes along	668	254
		4 = Definitely plan to leave teaching as soon as I can	432	163
		5 = Undecided at this time	913	520
		9 = Not answered	46	15
TSC289	761 - 762	36. In how many years do you plan to retire?		
		0-70 = Years		
		Maximum	65	62
		Minimum	0	0
		Mean	18.029	3.193
		Standard Dev	10.791	11.025
		99 = Not answered	265	171
		bl = Not applicable	2013	937
TSC290	763 - 764	37a. Which best describes your MAIN ACTIVITY during the previous school year (1986-87)?		
		1 = Teaching in this school	3603	1357
		2 = Teaching in another school in this school System (Teaching in another private school)	261	126
		3 = Teaching in another public school system	243	0
		4 = Teaching in a private school (Teaching in a public school)	46	69
		5 = Teaching at the postsecondary level	16	6
		6 = Attending a college or university	234	142

FIELD NAME	LOCATION	CODES = COMMENTS	UNWEIGHTED FREQUENCIES	
			PUBLIC SCHOOL	PRIVATE SCHOOL
		7 = Working in a nonteaching occupation in the field of education	54	30
		8 = Working in an occupation outside the field of education	101	73
		9 = Homemaking and/or child rearing	80	85
		10 = Unemployed and seeking work	13	8
		11 = Military service	2	1
		12 = Retired	7	1
		13 = Other	122	46
		99 = Not answered	30	7
TSC291	765 - 766	37b. What do you expect your main activity will be during the next school year (1988-89)?		
		1 = Teaching in this school	2843	1028
		2 = Teaching in another school in this school system (Teaching in another private school)	398	164
		3 = Teaching in another public school system	385	0
		4 = Teaching in a private school (Teaching in a public school)	18	224
		5 = Teaching at the postsecondary level	20	12
		6 = Attending a college or university	100	74
		7 = Working in a nonteaching occupation in the field of education	87	40
		8 = Working in an occupation outside the field of education	166	113
		9 = Homemaking and/or child rearing	206	124
		10 = Unemployed and seeking work	34	21
		11 = Military service	1	1
		12 = Retired	297	25
		13 = Other	221	107
		99 = Not answered	36	18
TSC292	767 - 767	38. For each of the following pay incentives, please indicate whether you FAVOR OR OPPOSE the incentive, and whether you now receive the incentive. (1) Do you FAVOR or OPPOSE the incentive? a. Additional pay for assuming additional responsibilities as a master or mentor		

FIELD NAME	LOCATION	CODES = COMMENTS	UNWEIGHTED FREQUENCIES PUBLIC SCHOOL	UNWEIGHTED FREQUENCIES PRIVATE SCHOOL
		teacher		
		1 = Strongly favor	2868	1128
		2 = Mildly favor	1354	625
		3 = Mildly oppose	257	90
		4 = Strongly oppose	270	48
		9 = Not answered	63	60
TSC294	769 - 769	b. Additional pay for teaching in a shortage field		
		1 = Strongly favor	1237	516
		2 = Mildly favor	1428	691
		3 = Mildly oppose	942	399
		4 = Strongly oppose	1136	280
		9 = Not answered	69	65
TSC296	771 - 771	c. Additional pay for teaching in a high-priority location		
		1 = Strongly favor	2035	870
		2 = Mildly favor	1770	710
		3 = Mildly oppose	505	192
		4 = Strongly oppose	430	103
		9 = Not answered	72	76
TSC298	773 - 773	d. Salary increases as part of a career ladder in which teachers progress through several promotional levels based on their performance		
		1 = Strongly favor	2079	1103
		2 = Mildly favor	1456	593
		3 = Mildly oppose	526	120
		4 = Strongly oppose	675	79
		9 = Not answered	76	56
TSC300	775 - 775	e. A merit pay bonus for exceptional performance in a given year		
		1 = Strongly favor	1430	823
		2 = Mildly favor	1340	616
		3 = Mildly oppose	773	265
		4 = Strongly oppose	1205	190
		9 = Not Answered	64	57
TSC302	777 - 777	f. A schoolwide bonus for all teachers in a school that shows exceptional performance or improvement in a given year		
		1 = Strongly favor	1729	824
		2 = Mildly favor	1514	673
		3 = Mildly oppose	662	254
		4 = Strongly oppose	837	137

FIELD NAME	LOCATION	CODES = COMMENTS	UNWEIGHTED FREQUENCIES PUBLIC SCHOOL	PRIVATE SCHOOL
		9 = Not answered	70	63
TSC293	768 - 768	(2) Do you NOW RECEIVE the incentive?		
		a. Additional pay for assuming additional responsibilities as a master or mentor teacher		
		1 = Yes	365	108
		2 = No	4302	1772
		9 = Not answered	145	71
TSC295	770 - 770	b. Additional pay for teaching in a shortage field		
		1 = Yes	59	26
		2 = No	4567	1829
		9 = Not answered	186	96
TSC297	772 - 772	c. Additional pay for teaching in a high-priority location		
		1 = Yes	76	18
		2 = No	4517	1823
		9 = Not answered	219	110
TSC299	774 - 774	d. Salary increases as part of a career ladder in which teachers progress through several promotional levels based on their performance		
		1 = Yes	716	271
		2 = No	3897	1583
		9 = Not answered	199	97
TSC301	776 - 776	e. A merit pay bonus for exceptional performance in a given year		
		1 = Yes	108	66
		2 = No	4492	1793
		9 = Not answered	212	92
TSC303	778 - 778	f. A schoolwide bonus for all teachers in a school that shows exceptional performance or improvement in a given year		
		1 = Yes	130	59
		2 = No	4473	1796
		9 = Not answered	209	96
TSC304	779 - 783	39.		

FIELD NAME	LOCATION	CODES = COMMENTS	UNWEIGHTED FREQUENCIES PUBLIC SCHOOL	PRIVATE SCHOOL
		The following questions refer to your before-tax earnings from teaching and other employment from mid-June 1987 to mid-June 1988		
		a. During the summer of 1987, how much did you earn in		
		(1) Summer school salary from this or any other school?		
		0 = None 1-20,000 = Dollars		
		Maximum	20000	18000
		Minimum	0	0
		Mean	301.805	279.551
		Standard Dev	1302.18	1144.24
		99999 = Not answered	160	75
TSC305	784 - 788	(2) Other SCHOOL compensation for summer work at this or any other school?		
		0 = None 1-20,000 = Dollars		
		Maximum	8261	13000
		Minimum	0	0
		Mean	70.146	73.712
		Standard Dev	460.136	604.662
		99999 = Not answered	174	88
TSC306	789 - 793	(3) Earnings from NONSCHOOL employment during the summer of 1987?		
		0 = None 1-50,000 = Dollars		
		Maximum	40000	21800
		Minimum	0	0
		Mean	517.193	507.745
		Standard Dev	1947.43	1310.79
		99999 = Not answered	176	81
TSC307	794 - 798	b. What is your academic base year salary for teaching the 1987-88 school year?		
		Public School		

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			UNWEIGHTED FREQUENCIES	
FIELD NAME	LOCATION	CODES = COMMENTS	PUBLIC SCHOOL	PRIVATE SCHOOL
		1 = 1,000 < = Yearly Salary < = 20,000	1724	0
		2 = 20,001 < = Yearly Salary < = 25,000	1220	0
		3 = 25,001 < = Yearly Salary < = 30,000	720	0
		4 = 30,001 < = Yearly Salary < = 35,000	398	0
		5 = 35,001 < = Yearly Salary < = 99,997	392	0
		99999 = Not answered	358	0
		Private School		
		1 = 1,000 < = Yearly Salary < = 10,000	0	428
		2 = 10,001 < = Yearly Salary < = 15,000	0	658
		3 = 15,001 < = Yearly Salary < = 20,000	0	457
		4 = 20,001 < = Yearly Salary < = 25,000	0	164
		5 = 25,001 < = Yearly Salary < = 99,997	0	70
		99999 = Not answered	0	174
TSC308	799 - 803	c. During the 1987-88 school year, how much will you earn in additional compensation from your school(s) for extra curricular or additional activities?		
		0 = None 1-50,000 = Dollars		
		Maximum	39000	30000
		Minimum	0	0
		Mean	706.286	357.698
		Standard Dev	2532.49	1773.25
		99999 = Not answered	158	76
TSC309	804 - 808	d. During the 1987-88 school year, how much will you earn from NONSCHOOL employment?		
		0 = None 1-90,000 = Dollars		
		Maximum	75000	50000
		Minimum	0	0
		Mean	826.549	789.869
		Standard Dev	3612.31	2783.03
		99999 = Not answered	178	89
TSC310	809 - 814	e. What is your total earned income from mid-June 1987 to mid-June 1988?		
		0 = None 1-99,999 = Dollars 100,000 = 100,000 Dollars or more		
		Maximum	100000	100000
		Minimum	0	0
		Mean	25427.3	15789.3
		Standard Dev	9631.43	8190.21

			UNWEIGHTED FREQUENCIES	
FIELD NAME	LOCATION	CODES = COMMENTS	PUBLIC SCHOOL	PRIVATE SCHOOL
		999999 = Not answered	288	122
TSC311	815 - 815	40. Do you receive any income-in-kind in addition to or in lieu of your school salary?		
		1 = Housing or housing expenses	25	140
		9 = Not answered	168	77
		bl = Not applicable	4619	1734
TSC312	816 - 816			
		2 = Meals	29	196
		9 = Not answered	168	75
		bl = Not applicable	4615	1680
TSC313	817 - 817			
		3 = Tuition for your children	9	182
		9 = Not answered	168	75
		bl = Not applicable	4635	1694
TSC314	818 - 818			
		4 = Child care	15	34
		9 = Not answered	168	75
		bl = Not applicable	4629	1842
TSC315	819 - 819			
		5 = College tuition for yourself	124	136
		9 = Not answered	168	75
		bl = Not applicable	4520	1740
TSC316	820 - 820			
		6 = Car/transportation expenses	242	74
		9 = Not answered	168	75
		bl = Not applicable	4402	1802
TSC317	821 - 822			
		7 = None of the above	4247	1351
		99 = Not answered	168	75
		bl = Not applicable	397	525
TSC318	823 - 824	41. Which category represents the total combined income of all FAMILY members in your household during 1987?		
		1 = Less than $10,000	40	81
		2 = $10,000 - $14,999	70	195
		3 = $15,000 - $19,999	354	252
		4 = $20,000 - $24,999	487	196

FIELD NAME	LOCATION	CODES = COMMENTS	UNWEIGHTED FREQUENCIES PUBLIC SCHOOL	 PRIVATE SCHOOL
		5 = $25,000 - $29,999	465	158
		6 = $30,000 - $34,999	436	161
		7 = $35,000 - $39,999	481	158
		8 = $40,000 - $49,999	822	225
		9 = $50,000 - $59,999	654	164
		10 = $60,000 - $74,999	496	112
		11 = $75,000 - $99,999	220	60
		12 = $100,000 or more	88	43
		99 = Not answered	199	146
TSC319	825 - 825	42. Are you male or female?		
		1 = Male	1302	373
		2 = Female	3495	1577
		9 = Not answered	15	1
TSC320	826 - 826	43. What is your race?		
		1 = American Indian, Aleut, Eskimo	47	13
		2 = Asian or Pacific Islander	38	15
		3 = Black	313	57
		4 = White	4340	1836
		9 = Not answered	74	30
TSC321	827 - 827	44. Are you of Hispanic origin?		
		1 = Yes	160	58
		2 = No	4568	1866
		9 = Not answered	84	27
TSC322	828 - 829	45. What is your year of birth?		
		1 = 1958 < = Year of birth < = 1975	1242	711
		2 = 1948 < = Year of birth < = 1957	1589	625
		3 = 1938 < = Year of birth < = 1947	1077	375
		4 = 1901 < = Year of birth < = 1937	858	217
		99 = Not answered	46	23
TSC323	830 - 830	46. What is your current marital status?		
		1 = Married	3384	1187
		2 = Widowed, divorced, separated	541	122
		3 = Never married	845	618
		9 = Not answered	42	24
TSC324	831 - 832	47. How many children do you have who are dependent on you for more than half of their financial support?		

FIELD NAME	LOCATION	CODES = COMMENTS	UNWEIGHTED FREQUENCIES	
			PUBLIC SCHOOL	PRIVATE SCHOOL
		0 = None		
		1-20 = Children		
		Maximum	8	20
		Minimum	0	0
		Mean	0.958	0.906
		Standard Dev	1.156	1.319
		99 = Not answered	45	37
TSC325	833 - 834	48. What was the age of your youngest child on his/her last birthday?		
		0-60 = Age		
		Maximum	52	25
		Minimum	0	0
		Mean	8.852	7.823
		Standard Dev	6.884	5.921
		99 = Not answered	54	40
		bl = Not applicable	2344	1102
TSC326	835 - 835	49. Do you have persons other than your spouse or children who are dependent on you for more than half of their financial support?		
		1 = Yes	143	65
		2 = No	4621	1837
		9 = Not answered	48	49
TSC327	836 - 837	How many persons other than your spouse or children are dependent on you for more than half of their financial support?		
		0-20 = Persons		
		Maximum	5	16
		Minimum	1	1
		Mean	1.219	1.963
		Standard Dev	0.578	2.740
		99 = Not answered	53	60
		bl = Not applicable	4622	1837
STATUS	838 - 838	1 = Stayer	2078	716
		2 = Mover	1181	566
		3 = Leaver	1553	669
TSUBJ	839 - 839	Teacher Subject Category For SASS88'		
		0 = Elementary general	1508	1049
		1 = Elementary special ed.	352	57
		2 = Elementary other	626	241
		3 = Secondary math	269	86

			UNWEIGHTED FREQUENCIES	
FIELD NAME	LOCATION	CODES = COMMENTS	PUBLIC SCHOOL	PRIVATE SCHOOL
		4 = Secondary science	250	80
		5 = Secondary English	327	79
		6 = Secondary social studies	213	58
		7 = Secondary vocational ed.	287	16
		8 = Secondary special ed.	238	26
		9 = Secondary other	742	259
TNEW	840 - 840	New Teacher Indicator For SASS88'		
		1 = New teacher	1573	784
		0 = Experienced teacher	3239	1167
TBIL	841 - 841	Bilingual/ESL Teacher Indicator		
		1 = Bilingual/ESL teacher	148	28
		0 = Not a bilingual/ESL teacher	4664	1923
YRLYSAL	842 - 842	Yearly Salary for Former Teachers in 1988-89		
		Public School		
		1 = 1,000 < = Yearly Salary < = 20,000	854	0
		2 = 20,001 < = Yearly Salary < = 25,0000	986	0
		3 = 25,001 < = Yearly Salary < = 30,000	701	0
		4 = 30,001 < = Yearly Salary < = 35,000	462	0
		5 = Yearly Salary > = 35,001	644	0
		Private School		
		1 = 1,000 < = Yearly Salary < = 10,000	0	17
		2 = 10,001 < = Yearly Salary < = 15,000	0	239
		3 = 15,001 < = Yearly Salary < = 20,000	0	318
		4 = 20,001 < = Yearly Salary < = 25,000	0	238
		5 = Yearly Salary > = 25,001	0	242
PCTCHSAL	843 - 847	Percent Change in Salary between 1987-88 and 1988-89		
		Public School		
		Maximum	9577.4%	
		Minimum	-100%	
		Mean	26.9448	
		Standard Dev	236.279	
		Private School		
		Maximum	2900%	
		Minimum	-100%	
		Mean	54.27	
		Standard Dev	201.125	
FINALWGT	848 - 855	Final weights 4 implied decimal places		
RW1-RW48	856 - 1239	Replicate weight 1 to Replicate weight 48 Each field is 8 digits with 4 implied decimal places		

1980 CENSUS OF POPULATION
INDUSTRY CLASSIFICATIONS

(THE 3 DIGIT NUMBER IN THE LEFT MARGIN IS THE CODE SYMBOL FOR THE OCCUPATION CATEGORY. THE NUMBER IN PARENTHESES TO THE RIGHT OF THE DESCRIPTION IS THE SIC DEFINITION.)

AGRICULTURE, FORESTRY, AND FISHERIES

010	AGRICULTURAL PRODUCTION, CROPS (01)
011	AGRICULTURAL PRODUCTION, LIVESTOCK (02)
020	AGRICULTURAL SERVICES, EXCEPT HORTICULTURAL (07, EXCEPT 078)
021	HORTICULTURAL SERVICES (078)
030	FORESTRY (08)
031	FISHING HUNTING, AND TRAPPING (09)

MINING

040	METAL MINING (10)
041	COAL MINING (11, 12)
042	CRUDE PETROLEUM AND NATURAL GAS EXTRACTION (13)
050	NONMETALLIC MINING AND QUARRYING, EXCEPT FUEL (14)
060	CONSTRUCTION (15, 16, 17)

MANUFACTURING

NONDURABLE GOODS

FOOD AND KINDRED PRODUCTS

100	MEAT PRODUCTS (201)
101	DAIRY PRODUCTS (202)
102	CANNED AND PRESERVED FRUITS AND VEGETABLES (203)
110	GRAIN MILL PRODUCTS (204)
111	BAKERY PRODUCTS (205)
112	SUGAR AND CONFECTIONERY PRODUCTS (206)
120	BEVERAGE INDUSTRIES (208)
121	MISCELLANEOUS FOOD PREPARATIONS AND KINDRED PRODUCTS (207,209)
122	NOT SPECIFIED FOOD INDUSTRIES
130	TOBACCO MANUFACTURES (21)

TEXTILE MILL PRODUCTS

132	KNITTING MILLS (225)
140	DYEING AND FINISHING TEXTILES, EXCEPT WOOL AND KNIT GOODS (226)
141	FLOOR COVERINGS, EXCEPT HARD SURFACE (227)
142	YARN, THREAD, AND FABRIC MILLS (228,221-224)
150	MISCELLANEOUS TEXTILE MILL PRODUCTS (229)

APPAREL AND OTHER FINISHED TEXTILE PRODUCTS

151	APPAREL AND ACCESSORIES, EXCEPT KNIT (231-238)
152	MISCELLANEOUS FABRICATED TEXTILE PRODUCTS (239)

PAPER AND ALLIED PRODUCTS

160	PULP, PAPER, AND PAPERBOARD MILL (261-263,266)
161	MISCELLANEOUS PAPER AND PULP PRODUCTS (264)
162	PAPERBOARD CONTAINERS AND BOXES (265)

PRINTING, PUBLISHING, AND ALLIED INDUSTRIES

171 NEWSPAPER PUBLISHING AND PRINTING (271)
172 PRINTING, PUBLISHING, AND ALLIED INDUSTRIES, EXCEPT NEWSPAPERS (272-279)

CHEMICALS AND ALLIED PRODUCTS

180 PLASTICS, SYNTHETICS, AND RESINS (282)
181 DRUGS (283)
182 SOAPS AND COSMETICS (284)
190 PAINTS, VARNISHES, AND RELATED PRODUCTS (285)
191 AGRICULTURAL CHEMICALS (287)
192 INDUSTRIAL AND MISCELLANEOUS CHEMICALS (281,286,289)

PETROLEUM AND COAL PRODUCTS

200 PETROLEUM REFINING (291)
201 MISCELLANEOUS PETROLEUM AND COAL PRODUCTS (295,299)

RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS

210 TIRES AND INNER TUBES (301)
211 OTHER RUBBER PRODUCTS, AND PLASTICS FOOTWEAR AND BELTING (302-304, 306)
212 MISCELLANEOUS PLASTICS PRODUCTS (307)

LEATHER AND LEATHER PRODUCTS

220 LEATHER TANNING AND FINISHING (311)
221 FOOTWEAR, EXCEPT RUBBER AND PLASTIC (313,314)
222 LEATHER PRODUCTS, EXCEPT FOOTWEAR (315-317, 319)

DURABLE GOODS

LUMBER AND WOOD PRODUCTS, EXCEPT FURNITURE

230 LOGGING (241)
231 SAWMILLS, PLANNING MILLS, AND MILLWORK (242, 243)
232 WOOD BUILDINGS AND MOBILE HOMES (245)
241 MISCELLANEOUS WOOD PRODUCTS (244,249)

242 FURNITURE AND FIXTURES (25)

STONE, CLAY, GLASS, AND CONCRETE PRODUCTS

250 GLASS AND GLASS PRODUCTS (321-323)
251 CEMENT, CONCRETE, GYPSUM, AND PLASTER PRODUCTS (324,327)
252 STRUCTURAL CLAY PRODUCTS (325)
261 POTTERY AND RELATED PRODUCTS (326)
262 MISCELLANEOUS NONMETALLIC MINERAL AND STONE PRODUCTS (328,329)

METAL INDUSTRIES

270 BLAST FURNACES, STEELWORKS, ROLLING AND FINISHING MILLS(331)
271 IRON AND STEEL FOUNDRIES (332)
272 PRIMARY ALUMINUM INDUSTRIES (3334, PT 334, 3353-55,3361)
280 OTHER PRIMARY METAL INDUSTRIES (3331-3333, 3339, 334, 3351, 3356, 3357, 3362, 3369, 339)

281 CUTLERY, HAND TOOLS, AND OTHER HARDWARE (342)
282 FABRICATED STRUCTURAL METAL PRODUCTS (344)
290 SCREW MACHINE PRODUCTS (345)
291 METAL FORGINGS AND STAMPINGS (346)
292 ORDINANCE (348)
300 MISCELLANEOUS FABRICATED METAL PRODUCTS (341,343,349)
301 NOT SPECIFIED METAL INDUSTRIES

MACHINERY, EXCEPT ELECTRICAL

310 ENGINES AND TURBINES (351)
311 FARM MACHINERY AND EQUIPMENT (352)
312 CONSTRUCTION AND MATERIAL HANDLING MACHINES (353)
320 METAL WORKING MACHINERY (354)
321 OFFICE AND ACCOUNTING MACHINES (357, EXCEPT 3573)
322 ELECTRONIC COMPUTING EQUIPMENT (3573)
331 MACHINERY, EXCEPT ELECTRICAL, N.E.C. (355, 356, 359)
332 NOT SPECIFIED MACHINERY

ELECTRICAL MACHINERY, EQUIPMENT, AND SUPPLIES

340 HOUSEHOLD APPLIANCES (363)
341 RADIO, TV. AND COMMUNICATION EQUIPMENT (365, 366)
342 ELECTRICAL MACHINERY, EQUIPMENT, AND SUPPLIES, N.E.C. (361, 362, 364, 367, 369)
350 NOT SPECIFIED ELECTRICAL MACHINERY, EQUIPMENT, AND SUPPLIES

TRANSPORTATION EQUIPMENT

351 MOTOR VEHICLES AND MOTOR VEHICLE EQUIPMENT (371)
352 AIRCRAFT AND PARTS (372)
360 SHIP YARD BOAT BUILDING AND REPAIRING (373)
361 RAILROAD LOCOMOTIVES AND EQUIPMENT (374)
362 GUIDED MISSILES, SPACE VEHICLES, AND PARTS (376)
370 CYCLES AND MISCELLANEOUS TRANSPORTATION EQUIPMENT (379)

PROFESSIONAL AND PHOTOGRAPHIC EQUIPMENT, AND WATCHES

371 SCIENTIFIC AND CONTROLLING INSTRUMENTS (381,382)
372 OPTICAL AND HEALTH SERVICES SUPPLIES (383, 384, 385)
380 PHOTOGRAPHIC EQUIPMENT AND SUPPLIES(386)
381 WATCHES, CLOCKS, AND CLOCKWORK OPERATED DEVICES
382 NOT SPECIFIED PROFESSIONAL EQUIPMENT
390 TOYS, AMUSEMENT, AND SPORTING GOODS (394)
391 MISCELLANEOUS MANUFACTURING INDUSTRIES (39 EXC. 394)
392 NOT SPECIFIED MANUFACTURING INDUSTRIES

TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES

TRANSPORTATION

400 RAILROADS (40)
401 BUS SERVICE AND URBAN TRANSIT (41, EXCEPT 412)
402 TAXICAB SERVICE (412)
410 TRUCKING SERVICE (421, 423)
411 WAREHOUSING AND STORAGE (422)
412 U.S. POSTAL SERVICE (43)
420 WATER TRANSPORTATION (44)
421 AIR TRANSPORTATION (45)
422 PIPE LINES, EXCEPT NATURAL GAS (46)

BEST COPY AVAILABLE

432 SERVICES INCIDENTAL TO TRANSPORTATION (47)

COMMUNICATIONS

440 RADIO AND TELEVISION BROADCASTING (483)
441 TELEPHONE (WIRE AND RADIO) (481)
442 TELEGRAPH AND MISCELLANEOUS COMMUNICATION SERVICES (482, 489)

UTILITIES AND SANITARY SERVICES

460 ELECTRIC LIGHT AND POWER (491)
461 GAS AND STEAM SUPPLY SYSTEMS (492, 496)
462 ELECTRIC AND GAS, AND OTHER COMBINATION (493)
470 WATER SUPPLY AND IRRIGATION (494, 497)
471 SANITARY SERVICES (495)
472 NOT SPECIFIED UTILITIES

WHOLESALE TRADE

DURABLE GOODS

500 MOTOR VEHICLES AND EQUIPMENT (501)
501 FURNITURE AND HOME FURNISHINGS (502)
502 LUMBER AND CONSTRUCTION MATERIALS (503)
510 SPORTING GOODS, TOYS, AND HOBBY GOODS (504)
511 METALS AND MINERALS, EXCEPT PETROLEUM (505)
512 ELECTRICAL GOODS (506)
521 HARDWARE, PLUMBING AND HEATING SUPPLIES (507)
522 NOT SPECIFIED ELECTRICAL AND HARDWARE PRODUCTS
530 MACHINERY, EQUIPMENT, AND SUPPLIES (508)
531 SCRAP AND WASTE MATERIALS (5093)
532 MISCELLANEOUS WHOLESALE, DURABLE GOODS (5094, 5099)

NONDURABLE GOODS

540 PAPER AND PAPER PRODUCTS (511)
541 DRUGS, CHEMICALS, AND ALLIED PRODUCTS (512, 516)
542 APPAREL, FABRICS, AND NOTIONS (513)
550 GROCERIES AND RELATED PRODUCTS (514)
551 FARM-PRODUCT RAW MATERIALS (515)
552 PETROLEUM PRODUCTS (517)
560 ALCOHOLIC BEVERAGES (518)
561 FARM SUPPLIES (5191)
562 MISCELLANEOUS WHOLESALE, NONDURABLE GOODS (5194,5198,5199)
571 NOT SPECIFIED WHOLESALE TRADE

RETAIL TRADE

580 LUMBER AND BUILDING MATERIAL RETAILING (521,523)
581 HARDWARE STORES (525)
582 RETAIL NURSERIES AND GARDEN STORES (526)
590 MOBILE HOME DEALERS (527)
591 DEPARTMENT STORES (531)
592 VARIETY STORES (533)
600 MISCELLANEOUS GENERAL MERCHANDISE STORES (539)
601 GROCERY STORES (541)
602 DAIRY PRODUCTS STORES (545)
610 RETAIL BAKERIES (546)
611 FOOD STORES, N.E.C. (542,543,544,549)

612	MOTOR VEHICLE DEALERS (551,552)
620	AUTO AND HOME SUPPLY STORES (553)
621	GASOLINE SERVICE STATIONS (554)
622	MISCELLANEOUS VEHICLE DEALERS (555,556,557,559)
630	APPAREL AND ACCESSORY STORES, EXCEPT SHOE (56, EXCEPT 566)
631	SHOE STORES (566)
632	FURNITURE AND HOME FURNISHINGS STORES (571)
640	HOUSEHOLD APPLIANCES, TV, AND RADIO STORES (572,573)
641	EATING AND DRINKING PLACES (58)
642	DRUG STORES (591)
650	LIQUOR STORES (592)
651	SPORTING GOODS, BICYCLES, AND HOBBY STORES (5941,5945,5946)
652	BOOK AND STATIONERY STORES (5942,5943)
660	JEWELRY STORES (5944)
661	SEWING, NEEDLEWORK, AND PIECE GOODS STORES (5949)
662	MAIL ORDER HOUSES (5961)
670	VENDING MACHINE OPERATORS (5962)
671	DIRECT SELLING ESTABLISHMENTS (5963)
672	FUEL AND ICE DEALERS (598)
681	RETAIL FLORISTS (5992)
682	MISCELLANEOUS RETAIL STORES (593,5947,5948,5993,5994,5999)
691	NOT SPECIFIED RETAIL TRADE

FINANCE, INSURANCE, AND REAL ESTATE

700	BANKING (60)
701	SAVINGS AND LOAN ASSOCIATIONS (612)
702	CREDIT AGENCIES, N.E.C. (61,EXCEPT 612)
710	SECURITY, COMMODITY BROKERAGE, AND INVESTMENT COMPANIES (62,67)
711	INSURANCE (63,64)
712	REAL ESTATE, INCLUDING REAL ESTATE-INSURANCE-LAW OFFICES (65,66)

BUSINESS AND REPAIR SERVICES

721	ADVERTISING (731)
722	SERVICES TO DWELLINGS AND OTHER BUILDINGS (734)
730	COMMERCIAL RESEARCH, DEVELOPMENT, AND TESTING LABS (7391,7397)
731	PERSONNEL SUPPLY SERVICES (736)
732	BUSINESS MANAGEMENT AND CONSULTING SERVICES (7392)
740	COMPUTER AND DATA PROCESSING SERVICES (737)
741	DETECTIVE AND PROTECTIVE SERVICES (7393)
742	BUSINESS SERVICES, N.E.C. (732,733,735,7394,7395,7396,7399)
750	AUTOMOTIVE SERVICES, EXCEPT REPAIR (751,752,754)
751	AUTOMOTIVE REPAIR SHOPS (753)
752	ELECTRICAL REPAIR SHOPS (762,7694)
760	MISCELLANEOUS REPAIR SERVICES (763,764,7692,7699)

PERSONAL SERVICES

761	PRIVATE HOUSEHOLDS (88)
762	HOTELS AND MOTELS (701)
770	LODGING PLACES, EXCEPT HOTELS AND MOTELS (702,703,704)
771	LAUNDRY, CLEANING, AND GARMENT SERVICES (721)
772	BEAUTY SHOPS (723)
780	BARBER SHOPS (724)

781	FUNERAL SERVICE AND CREMATORIES (726)
782	SHOE REPAIR SHOPS (725)
790	DRESSMAKING SHOPS(PT 729)
791	MISCELLANEOUS PERSONAL SERVICES (722,PT 729)

ENTERTAINMENT AND RECREATION SERVICES

800	THEATERS AND MOTION PICTURES (78,792)
801	BOWLING ALLEYS, BILLIARD AND POOL PARLORS (793)
802	MISCELLANEOUS ENTERTAINMENT AND RECREATION SERVICES (791,794,799)

PROFESSIONAL AND RELATED SERVICES

812	OFFICES OF PHYSICIANS (801,803)
820	OFFICES OF DENTISTS (802)
821	OFFICES OF CHIROPRACTORS (8041)
822	OFFICES OF OPTOMETRISTS (8042)
830	OFFICES OF HEALTH PRACTITIONERS, N.E.C. (8049)
831	HOSPITALS (806)
832	NURSING AND PERSONAL CARE FACILITIES (805)
840	HEALTH SERVICES, N.E.C. (807,808,809)
841	LEGAL SERVICES (81)
842	ELEMENTARY AND SECONDARY SCHOOLS (821)
850	COLLEGES AND UNIVERSITIES (822)
851	BUSINESS, TRADE, AND VOCATIONAL SCHOOLS (824)
852	LIBRARIES (823)
860	EDUCATIONAL SERVICES, N.E.C. (829)
861	JOB TRAINING AND VOCATIONAL REHABILITATION SERVICES (833)
862	CHILD DAY CARE SERVICES (835)
870	RESIDENTIAL CARE FACILITIES, WITHOUT NURSING (836)
871	SOCIAL SERVICES, N.E.C. (832,839)
872	MUSEUMS, ART GALLERIES, AND ZOOS (84)
880	RELIGIOUS ORGANIZATIONS (866)
881	MEMBERSHIP ORGANIZATIONS (861-865,869)
882	ENGINEERING, ARCHITECTURAL, AND SURVEYING SERVICES (891)
890	ACCOUNTING, AUDITING, AND BOOKKEEPING SERVICES (893)
891	NONCOMMERCIAL EDUCATIONAL AND SCIENTIFIC RESEARCH (892)
892	MISCELLANEOUS PROFESSIONAL AND RELATED SERVICES (899)

PUBLIC ADMINISTRATION

900	EXECUTIVE AND LEGISLATIVE OFFICES (911-913)
901	GENERAL GOVERNMENT, N.E.C. (919)
910	JUSTICE, PUBLIC ORDER, AND SAFETY (92)
921	PUBLIC FINANCE, TAXATION, AND MONETARY POLICY (93)
922	ADMINISTRATION OF HUMAN RESOURCES PROGRAMS (94)
930	ADMINISTRATION OF ENVIRONMENTAL QUALITY AND HOUSING PROGRAMS (95)
931	ADMINISTRATION OF ECONOMIC PROGRAMS (96)
932	NATIONAL SECURITY AND INTERNATIONAL AFFAIRS (97)
990	INDUSTRY NOT REPORTED

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1980 CENSUS OF POPULATION
OCCUPATIONAL CLASSIFICATION

(THE 3 DIGIT NUMBER IN THE LEFT MARGIN IS THE CODE SYMBOL FOR THE INDUSTRY CATEGORY. NUMBER IN THE PARENTHESES TO THE RIGHT OF THE DESCRIPTION IS THE SIC DEFINITION.)

MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS

EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS

003	LEGISLATORS (112)
004	CHIEF EXECUTIVES AND GENERAL ADMINISTRATORS, PUBLIC ADMINISTRATION (111)
005	ADMINISTRATORS AND OFFICIALS, PUBLIC ADMINISTRATION (PT 113 AND 119, EXCEPT 1136)
006	ADMINISTRATORS, PROTECTIVE SERVICES (PT 113)
007	FINANCIAL MANAGERS (122)
008	PERSONNEL AND LABOR RELATIONS MANAGERS (123)
009	PURCHASING MANAGERS (124)
013	MANAGERS, MARKETING, ADVERTISING, AND PUBLIC RELATIONS (125)
014	ADMINISTRATORS, EDUCATION AND RELATED FIELDS (128)
015	MANAGERS, MEDICINE AND HEALTH (131)
016	MANAGERS, PROPERTIES AND REAL ESTATE (1353)
017	POSTMASTERS AND MAIL SUPERINTENDENTS (1344)
018	FUNERAL DIRECTORS (PT 1359)
019	MANAGERS AND ADMINISTRATORS, N.E.C. (1136,121,126,127, 132-139, EXCEPT 1344,1353, PT 1359)

MANAGEMENT RELATED OCCUPATIONS

023	ACCOUNTANTS AND AUDITORS (1412)
024	UNDERWRITERS (PT 1419)
025	OTHER FINANCIAL OFFICERS (PT 1419)
026	MANAGEMENT ANALYSTS (142)
027	PERSONNEL, TRAINING, AND LABOR RELATIONS SPECIALISTS (143)
028	PURCHASING AGENTS AND BUYERS, FARM PRODUCTS (PT 144)
029	BUYERS, WHOLESALE AND RETAIL TRADE, EXCEPT FARM PRODUCTS (432)
033	PURCHASING AGENTS AND BUYERS, N.E.C. (PT 144)
034	BUSINESS AND PROMOTION AGENTS (145)
035	CONSTRUCTION INSPECTORS (1171, 618)
036	INSPECTORS AND COMPLIANCE OFFICERS, EXC. CONSTRUCTION (1172,147)
037	MANAGEMENT RELATED OCCUPATION, N.E.C. (149)

PROFESSIONAL SPECIALTY OCCUPATIONS

043	ARCHITECTS (15)

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ENGINEERS, SURVEYORS AND MAPPING SCIENTISTS

044	AEROSPACE ENGINEERS (1622)
045	METALLURGICAL AND MATERIALS ENGINEERS (1623)
046	MINING ENGINEERS (1624)
047	PETROLEUM ENGINEERS (1625)
048	CHEMICAL ENGINEERS (1626)

049	NUCLEAR ENGINEERS (1627)
053	CIVIL ENGINEERS (1628)
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709 GRINDING, ABRADING, BUFFING, AND POLISHING MACHINE OPERATORS (7322,7324,7522)
713 FORGING MACHINE OPERATORS (7319,7519)
714 NUMERICAL CONTROL MACHINE OPERATORS (7326)
715 MISCELLANEOUS METAL, PLASTIC, STONE, AND GLASS WORKING MACHINE OPERATORS (7329,7529)

717 FABRICATING MACHINE OPERATORS, N.E.C. (7339,7539)

METAL AND PLASTIC PROCESSING MACHINE OPERATORS

719 MOLDING AND CASTING MACHINE OPERATORS (7315,7342,7515,7542)
723 METAL PLATING MACHINE OPERATORS (7343,7543)
724 HEAT TREATING EQUIPMENT OPERATORS (7344,7544)
725 MISCELLANEOUS METAL AND PLASTIC PROCESSING MACHINE OPERATORS (7349,7549)

WOODWORKING MACHINE OPERATORS

726 WOODLATHE, ROUTING, AND PLANING MACHINE OPERATORS (7431,7432,7631,7632)
727 SAWING MACHINE OPERATORS (7433,7633)
728 SHAPING AND JOINING MACHINE OPERATORS (7435,7635)
729 NAILING AND TACKING MACHINE OPERATORS (7636)
733 MISCELLANEOUS WOODWORKING MACHINE OPERATORS (7434, 7439,7634,7639)

PRINTING MACHINE OPERATORS

734 PRINTING MACHINE OPERATORS (7443,7643)
735 PHOTOENGRAVERS AND LITHOGRAPHERS (7242,7444,7644)
736 TYPESETTERS AND COMPOSITORS (7241,7442,7642)
737 MISCELLANEOUS PRINTING MACHINE OPERATORS (PT 7249, PT7449,7649)

TEXTILE, APPAREL, AND FURNISHINGS MACHINE OPERATORS

738 WINDING AND TWISTING MACHINE OPERATORS (7451,7651)
739 KNITTING, LOOPING, TAPING, AND WEAVING MACHINE OPERATORS (7452,7652)
743 TEXTILE CUTTING MACHINE OPERATORS (7654)
744 TEXTILE SEWING MACHINE OPERATORS (7655, PT 7656)
745 SHOE MACHINE OPERATORS (PT 7656, PT 7659)
747 PRESSING MACHINE OPERATORS (7657)

748	LAUNDERING AND DRY CLEANING MACHINE OPERATORS (7255,7658)
749	MISCELLANEOUS TEXTILE MACHINE OPERATORS (7453,7653, PT 7659)

MACHINE OPERATORS, ASSORTED MATERIALS

753	CEMENTING AND GLUING MACHINE OPERATORS (7661)
754	PACKAGING AND FILLING MACHINE OPERATORS (7462, 7662)
755	EXTRUDING AND FORMING MACHINE OPERATORS (7463,7663)
756	MIXING AND BLENDING MACHINE OPERATORS (7664)
757	SEPARATING, FILTERING, AND CLARIFYING MACHINE OPERATORS (7476,7666,7676)
758	COMPRESSING AND COMPACTING MACHINE OPERATORS (7467,7667)
759	PAINTING AND PAINT SPRAYING MACHINE OPERATORS (7669)
763	ROASTING AND BAKING MACHINE OPERATORS, FOOD (7472,7672)
764	WASHING, CLEANING, AND PICKLING MACHINE OPERATORS (7673)
765	FOLDING MACHINE OPERATORS (7474,7674)
766	FURNACE, KILN, AND OVEN OPERATORS, EXC. FOOD (7668,7671,7675)
768	CRUSHING AND GRINDING MACHINE OPERATORS (7477, PT 7677)
769	SLICING AND CUTTING MACHINE OPERATORS (7478,7678)
773	MOTION PICTURE PROJECTIONISTS (PT 7679)
774	PHOTOGRAPHIC PROCESS MACHINE OPERATORS (PT 7263, PT 7679)
777	MISCELLANEOUS MACHINE OPERATORS N.E.C. (7479, 7665, PT 7679)
779	MACHINE OPERATORS, NOT SPECIFIED

FABRICATORS, ASSEMBLERS, AND HAND WORKING OCCUPATIONS

783	WELDERS AND CUTTERS (7332,7532,7714)
784	SOLDERERS AND BRAZERS (7333,7533,7717)
785	ASSEMBLERS (772,774)
786	HANDCUTTING AND TRIMMING OCCUPATIONS (7753)
787	HAND MOLDING, CASTING, AND FORMING OCCUPATIONS (7754,7755)
789	HAND PAINTING, COATING, AND DECORATING OCCUPATIONS (PT 7756)
793	HAND ENGRAVING AND PRINTING OCCUPATIONS (7757)
794	HAND GRINDING AND POLISHING OCCUPATIONS (7758)
795	MISCELLANEOUS HAND WORKING OCCUPATIONS (7759)

PRODUCTION INSPECTORS, TESTERS, SAMPLERS, AND WEIGHERS

796	PRODUCTION INSPECTORS, CHECKERS, AND EXAMINERS (782,786,787)
797	PRODUCTION TESTERS (783)
798	PRODUCTION SAMPLERS AND WEIGHERS (784)
799	GRADERS AND SORTERS, EXCEPT AGRICULTURAL (785)

TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS

MOTOR VEHICLE OPERATORS

803	SUPERVISORS, MOTOR VEHICLE OPERATORS (6311)
804	TRUCK DRIVERS, HEAVY (6412,6413)
805	TRUCK DRIVERS, LIGHT (6414)
806	DRIVER-SALES WORKERS (433)
808	BUS DRIVERS (6415)
809	TAXI CAB DRIVERS AND CHAUFFEURS (6416)
813	PARKING LOT ATTENDANTS (6417)
814	MOTOR TRANSPORTATION OCCUPATIONS N.E.C. (6419)

TRANSPORTATION OCCUPATIONS, EXCEPT MOTOR VEHICLES

RAIL TRANSPORTATION OCCUPATIONS

823	RAILROAD CONDUCTORS AND YARDMASTERS (6313)
824	LOCOMOTIVE OPERATING OCCUPATIONS (6432)
825	RAILROAD BRAKE, SIGNAL, AND SWITCH OPERATORS (6433)
826	RAIL VEHICLE OPERATORS, N.E.C. (6439)

WATER TRANSPORTATION OCCUPATIONS

828	SHIP CAPTAINS AND MATES, EXCEPT FISHING BOATS (6441,6442)
829	SAILORS AND DECKHANDS (6443)
833	MARINE ENGINEERS (6444)
834	BRIDGE, LOCK, AND LIGHTHOUSE TENDERS (6445)

MATERIAL MOVING EQUIPMENT OPERATORS

843	SUPERVISORS, MATERIAL MOVING EQUIPMENT OPERATORS (632)
844	OPERATING ENGINEERS (6512)
845	LONGSHORE EQUIPMENT OPERATORS (6513)
848	HOIST AND WINCH OPERATORS (6514)
849	CRANE AND TOWER OPERATORS (6515)
853	EXCAVATING AND LOADING MACHINE OPERATORS (6516)
855	GRADER, DOZER, AND SCRAPER OPERATORS (6517)
856	INDUSTRIAL TRUCK AND TRACTOR EQUIPMENT OPERATORS (6519, PT659)
859	MISCELLANEOUS MATERIAL MOVING EQUIPMENT OPERATORS(6519,PT659)

HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS N.E.C. (PT 711)

863	SUPERVISORS,HANDLERS,EQUIP. CLEANERS AND LABORERS,N.E.C.(PT711)
864	HELPERS, MECHANICS AND REPAIRERS (679)

HELPERS, CONSTRUCTION AND EXTRACTIVE OCCUPATIONS

865	HELPERS, CONSTRUCTION TRADES (6191-6195,6198)
866	HELPERS, SURVEYOR (6196)
867	HELPERS, EXTRACTIVE OCCUPATIONS (629)
869	CONSTRUCTION LABORERS (81)
873	PRODUCTION HELPERS (769, 779)

FREIGHT, STOCK, AND MATERIAL MOVERS, AND

875	GARBAGE COLLECTORS (822)
876	STEVEDORES (823)
877	STOCK HANDLERS AND BAGGERS (824)
878	MACHINE FEEDERS AND OFFBEARERS (825)
883	FREIGHT, STOCK, AND MATERIAL MOVERS, HAND, N.E.C. (649,826)
885	GARAGE AND SERVICE STATION RELATED OCCUPATIONS (672)
887	VEHICLE WASHERS AND EQUIPMENT CLEANERS (83)
888	HAND PACKERS AND PACKAGERS (841)
889	LABORERS, EXCEPT CONSTRUCTION (842,846, PT 659)
999	OCCUPATION NOT REPORTED

APPENDIX B
FREQUENCIES FOR TSC 040,044,048,052,056,060,064,068

FIELD NAME	LOCATION	CODES = COMMENTS	UNWEIGHTED FREQUENCIES PUBLIC SCHOOL	PRIVATE SCHOOL
TSC040	353 - 354	b. What was your major field of study for each degree		
		GENERAL		
		11 = Agriculture and natural resources	10	3
		12 = Architecture and environmental design	12	0
		13 = Area and ethnic studies	1	1
		14 = Biological/life science	11	5
		15 = Business and management	25	15
		17 = Computer and information science	5	3
		18 = Engineering	11	2
		19 = Fine and applied arts	24	6
		20 = Foreign languages	2	3
		21 = Health professions	15	3
		22 = Home economics	11	2
		23 = Law	1	0
		24 = Letters (English, literature, speech, classics)	13	7
		25 = Library science	1	0
		26 = Mathematics	6	2
		27 = Military science	0	0
		28 = Multi/interdisciplinary studies	18	5
		29 = Philosophy and religion	0	3
		30 = Psychology	9	1
		31 = Public affairs and services	0	1
		32 = Theology	1	7
		Physical sciences		
		33 = Chemistry	5	4
		34 = Physics	1	0
		35 = Geology/earth science	3	1
		36 = Other physical sciences	2	0
		Social science		
		37 = Economics	0	0
		38 = History	10	2
		39 = Political science and government	3	0
		40 = Sociology	6	3

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FIELD NAME	LOCATION	CODES = COMMENTS	UNWEIGHTED FREQUENCIES PUBLIC SCHOOL	 PRIVATE SCHOOL
		41 = Other social sciences	10	1
		42 = Other	67	26
		EDUCATION		
		General education		
		51 = Elementary	103	54
		52 = Pre-elementary/ early childhood	21	18
		53 = Secondary Subject area education	22	4
		54 = Agricultural	2	0
		55 = Art	6	2
		56 = Bilingual	2	0
		57 = Business, commerce, and distributive	12	1
		58 = English as a second language	0	0
		59 = English	5	2
		60 = Foreign languages	2	0
		61 = Home economics	11	1
		62 = Industrial arts, vocational and technical	27	0
		63 = Mathematics	2	0
		64 = Music	10	3
		65 = Physical ed./ health ed.	18	5
		66 = Reading	1	1
		67 = Science	4	1
		68 = Social studies/ social sciences	4	3
		Special education		
		70 = Special ed., general	3	3
		71 = Education of the emotionally disturbed	0	1
		72 = Education of the mentally retarded	1	0
		73 = Education of the speech/ hearing/vision impaired	3	0
		74 = Special learning disabilities	3	0
		75 = Other special education	1	0
		Other education		
		80 = Curriculum and instruction	0	2
		81 = Educational administration	0	0
		82 = Educational psychology	0	0

FIELD NAME	LOCATION	CODES = COMMENTS	UNWEIGHTED FREQUENCIES	
			PUBLIC SCHOOL	PRIVATE SCHOOL
		83 = Student personnel and counseling	0	0
		84 = Other education	18	10
		99 = Not answered	95	24
		bl = Not applicable	4161	1707
TSC044	360 - 361	GENERAL		
		11 = Agriculture and natural resources	11	2
		12 = Architecture and environmental design	0	0
		13 = Area and ethnic studies	2	4
		14 = Biological/life science	137	57
		15 = Business and management	73	26
		17 = Computer and information science	0	2
		18 = Engineering	9	7
		19 = Fine and applied arts	59	42
		20 = Foreign languages	82	56
		21 = Health professions	11	6
		22 = Home economics	67	19
		23 = Law	1	0
		24 = Letters (English, literature, speech, classics)	152	86
		25 = Library science	8	1
		26 = Mathematics	112	39
		27 = Military science	2	1
		28 = Multi/interdisciplinary studies	10	5
		29 = Philosophy and religion	9	27
		30 = Psychology	84	41
		31 = Public affairs and services	1	1
		32 = Theology	4	21
		Physical sciences		
		33 = Chemistry	33	21
		34 = Physics	7	6
		35 = Geology/earth science	10	6
		36 = Other physical sciences	10	10
		Social science		
		37 = Economics	21	7
		38 = History	150	76
		39 = Political science and government	25	11
		40 = Sociology	53	23
		41 = Other social		

FIELD NAME	LOCATION	CODES = COMMENTS	UNWEIGHTED FREQUENCIES PUBLIC SCHOOL	PRIVATE SCHOOL
		sciences	42	22
		42 = Other	51	27
		EDUCATION		
		General education		
		51 = Elementary	1508	688
		52 = Pre-elementary/ early childhood	86	31
		53 = Secondary		
		Subject area education	107	25
		54 = Agricultural	25	21
		55 = Art	86	21
		56 = Bilingual	8	0
		57 = Business, commerce, and distributive	89	9
		58 = English as a second language	0	1
		59 = English	168	53
		60 = Foreign languages	24	13
		61 = Home economics	76	9
		62 = Industrial arts, vocational and technical	85	1
		63 = Mathematics	72	11
		64 = Music	238	69
		65 = Physical ed./ health ed.	344	79
		66 = Reading	4	1
		67 = Science	42	5
		68 = Social studies/ social sciences	87	29
		Special education		
		70 = Special ed., general	105	23
		71 = Education of the emotionally disturbed	19	9
		72 = Education of the mentally retarded	73	17
		73 = Education of the speech/ hearing/vision impaired	81	13
		74 = Special learning disabilities	18	3
		75 = Other special education	11	3
		Other education		
		80 = Curriculum and instruction	1	5
		81 = Educational administration	0	2
		82 = Educational psychology	3	0
		83 = Student personnel		

FIELD NAME	LOCATION	CODES = COMMENTS	UNWEIGHTED FREQUENCIES PUBLIC SCHOOL	PRIVATE SCHOOL
		and counseling	0	1
		84 = Other education	20	15
		99 = Not answered	111	41
		bl = Not applicable	45	104
TSC048	367 - 368	GENERAL		
		11 = Agriculture and natural resources	0	0
		12 = Architecture and environmental design	0	1
		13 = Area and ethnic studies	0	0
		14 = Biological/life science	2	1
		15 = Business and management	7	0
		17 = Computer and information science	0	0
		18 = Engineering	1	0
		19 = Fine and applied arts	5	2
		20 = Foreign languages	4	2
		21 = Health professions	0	2
		22 = Home economics	0	0
		23 = Law	0	0
		24 = Letters (English, literature, speech, classics)	6	3
		25 = Library science	1	0
		26 = Mathematics	5	3
		27 = Military science	0	0
		28 = Multi/interdisciplinary studies	3	0
		29 = Philosophy and religion	0	1
		30 = Psychology	4	3
		31 = Public affairs and services	0	0
		32 = Theology	2	6
		Physical sciences		
		33 = Chemistry	2	0
		34 = Physics	1	0
		35 = Geology/earth science	4	2
		36 = Other physical sciences	1	0
		Social science		
		37 = Economics	1	0
		38 = History	5	4
		39 = Political science and government	1	0
		40 = Sociology	2	2
		41 = Other social sciences	1	0

FIELD NAME	LOCATION	CODES = COMMENTS	UNWEIGHTED FREQUENCIES PUBLIC SCHOOL	PRIVATE SCHOOL
		42 = Other	3	5
		EDUCATION		
		General education		
		51 = Elementary	70	30
		52 = Pre-elementary/ early childhood	3	2
		53 = Secondary	13	4
		Subject area education		
		54 = Agricultural	0	0
		55 = Art	5	1
		56 = Bilingual	3	0
		57 = Business, commerce, and distributive	2	0
		58 = English as a second language	1	0
		59 = English	5	4
		60 = Foreign languages	2	1
		61 = Home economics	1	0
		62 = Industrial arts, vocational and technical	3	0
		63 = Mathematics	2	1
		64 = Music	5	1
		65 = Physical ed./ health ed.	9	3
		66 = Reading	3	0
		67 = Science	8	2
		68 = Social studies/ social sciences	7	0
		Special education		
		70 = Special ed., general	6	2
		71 = Education of the emotionally disturbed	3	1
		72 = Education of the mentally retarded	5	0
		73 = Education of the speech/ hearing/vision impaired	1	1
		74 = Special learning disabilities	6	0
		75 = Other special education	6	0
		Other education		
		80 = Curriculum and instruction	0	1
		81 = Educational administration	0	0
		82 = Educational psychology	0	0
		83 = Student personnel		

FIELD NAME	LOCATION	CODES = COMMENTS	UNWEIGHTED FREQUENCIES	
			PUBLIC SCHOOL	PRIVATE SCHOOL
		and counseling	0	0
		84 = Other education	5	2
		99 = Not answered	35	11
		bl = Not applicable	4539	1845
TSC052	374 - 375	GENERAL		
		11 = Agriculture and natural resources	2	0
		12 = Architecture and environmental design	0	0
		13 = Area and ethnic studies	0	3
		14 = Biological/life science	25	9
		15 = Business and management	11	1
		17 = Computer and information science	2	1
		18 = Engineering	4	0
		19 = Fine and applied arts	19	14
		20 = Foreign languages	12	21
		21 = Health professions	3	2
		22 = Home economics	7	2
		23 = Law	0	0
		24 = Letters (English, literature, speech, classics)	41	23
		25 = Library science	18	1
		26 = Mathematics	19	8
		27 = Military science	0	0
		28 = Multi/interdisciplinary studies	5	2
		29 = Philosophy and religion	3	9
		30 = Psychology	13	3
		31 = Public affairs and services	4	1
		32 = Theology	3	15
		Physical sciences		
		33 = Chemistry	6	4
		34 = Physics	3	3
		35 = Geology/earth science	4	0
		36 = Other physical sciences	0	6
		Social science		
		37 = Economics	1	3
		38 = History	27	11
		39 = Political science and government	6	2
		40 = Sociology	3	2
		41 = Other social sciences	8	3

			UNWEIGHTED FREQUENCIES	
FIELD NAME	LOCATION	CODES = COMMENTS	PUBLIC SCHOOL	PRIVATE SCHOOL
		42 = Other	28	13
		EDUCATION		
		General education		
		51 = Elementary	336	85
		52 = Pre-elementary/ early childhood	35	7
		53 = Secondary	100	32
		Subject area education		
		54 = Agricultural	9	1
		55 = Art	25	7
		56 = Bilingual	1	1
		57 = Business, commerce, and distributive	20	1
		58 = English as a second language	9	2
		59 = English	44	14
		60 = Foreign languages	8	3
		61 = Home economics	10	2
		62 = Industrial arts, vocational and technical	29	0
		63 = Mathematics	31	8
		64 = Music	66	18
		65 = Physical ed./ health ed.	61	9
		66 = Reading	104	29
		67 = Science	31	5
		68 = Social studies/ social sciences	11	6
		Special education		
		70 = Special ed., general	66	7
		71 = Education of the emotionally disturbed	27	5
		72 = Education of the mentally retarded	29	6
		73 = Education of the speech/ hearing/vision impaired	40	5
		74 = Special learning disabilities	70	15
		75 = Other special education	15	5
		Other education		
		80 = Curriculum and instruction	53	17
		81 = Educational administration	146	22
		82 = Educational psychology	10	5
		83 = Student personnel		

FIELD NAME	LOCATION	CODES = COMMENTS	UNWEIGHTED FREQUENCIES PUBLIC SCHOOL	PRIVATE SCHOOL
		and counseling	87	13
		84 = Other education	55	18
		99 = Not answered	50	12
		bl = Not applicable	2951	1426
TSC056	381 - 382	GENERAL		
		11 = Agriculture and natural resources	0	0
		12 = Architecture and environmental design	0	0
		13 = Area and ethnic studies	0	0
		14 = Biological/life science	1	0
		15 = Business and management	1	0
		17 = Computer and information science	1	1
		18 = Engineering	0	0
		19 = Fine and applied arts	1	0
		20 = Foreign languages	2	2
		21 = Health professions	0	0
		22 = Home economics	0	0
		23 = Law	0	0
		24 = Letters (English, literature, speech, classics)	3	3
		25 = Library science	2	0
		26 = Mathematics	1	1
		27 = Military science	0	0
		28 = Multi/interdisciplinary studies	1	0
		29 = Philosophy and religion	0	4
		30 = Psychology	1	1
		31 = Public affairs and services	0	0
		32 = Theology	1	0
		Physical sciences		
		33 = Chemistry	1	1
		34 = Physics	0	0
		35 = Geology/earth science	0	1
		36 = Other physical sciences	0	0
		Social science		
		37 = Economics	1	0
		38 = History	1	3
		39 = Political science and government	0	0
		40 = Sociology	0	0
		41 = Other social sciences	2	0
		42 = Other	1	1

FIELD NAME	LOCATION	CODES = COMMENTS	UNWEIGHTED FREQUENCIES	
			PUBLIC SCHOOL	PRIVATE SCHOOL
		EDUCATION		
		General education		
		51 = Elementary	6	5
		52 = Pre-elementary/ early childhood	0	0
		53 = Secondary	5	1
		Subject area education		
		54 = Agricultural	0	0
		55 = Art	0	0
		56 = Bilingual	0	0
		57 = Business, commerce, and distributive	2	0
		58 = English as a second language	1	0
		59 = English	3	0
		60 = Foreign languages	0	0
		61 = Home economics	0	0
		62 = Industrial arts, vocational and technical	2	0
		63 = Mathematics	0	1
		64 = Music	0	1
		65 = Physical ed./ health ed.	2	0
		66 = Reading	2	0
		67 = Science	0	0
		68 = Social studies/ social sciences	1	1
		Special education		
		70 = Special ed., general	1	1
		71 = Education of the emotionally disturbed	2	2
		72 = Education of the mentally retarded	1	1
		73 = Education of the speech/ hearing/vision impaired	2	0
		74 = Special learning disabilities	3	0
		75 = Other special education	3	0
		Other education		
		80 = Curriculum and instruction	2	1
		81 = Educational administration	25	2
		82 = Educational psychology	0	1
		83 = Student personnel and counseling	7	3
		84 = Other education	8	1

FIELD NAME	LOCATION	CODES = COMMENTS	UNWEIGHTED FREQUENCIES PUBLIC SCHOOL	UNWEIGHTED FREQUENCIES PRIVATE SCHOOL
		99 = Not answered	14	4
		bl = Not applicable	4694	1908
TSC060	388 - 389	GENERAL		
		11 = Agriculture and natural resources	1	0
		12 = Architecture and environmental design	0	0
		13 = Area and ethnic studies	0	0
		14 = Biological/life science	2	1
		15 = Business and management	0	0
		17 = Computer and information science	4	1
		18 = Engineering	0	0
		19 = Fine and applied arts	1	4
		20 = Foreign languages	1	1
		21 = Health professions	3	0
		22 = Home economics	1	0
		23 = Law	0	0
		24 = Letters (English, literature, speech, classics)	0	3
		25 = Library science	2	0
		26 = Mathematics	2	0
		27 = Military science	0	0
		28 = Multi/interdisciplinary studies	0	0
		29 = Philosophy and religion	0	1
		30 = Psychology	1	0
		31 = Public affairs and services	0	0
		32 = Theology	0	0
		Physical sciences		
		33 = Chemistry	0	0
		34 = Physics	0	0
		35 = Geology/earth science	0	0
		36 = Other physical sciences	0	1
		Social science		
		37 = Economics	0	0
		38 = History	2	0
		39 = Political science and government	0	0
		40 = Sociology	0	0
		41 = Other social sciences	1	0
		42 = Other	2	1

FIELD NAME	LOCATION	CODES = COMMENTS	UNWEIGHTED FREQUENCIES PUBLIC SCHOOL	PRIVATE SCHOOL
		EDUCATION		
		General education		
		51 = Elementary	25	2
		52 = Pre-elementary/ early childhood	3	1
		53 = Secondary		
		Subject area education	12	2
		54 = Agricultural	2	0
		55 = Art	0	0
		56 = Bilingual	2	0
		57 = Business, commerce, and distributive	1	0
		58 = English as a second language	4	0
		59 = English	7	1
		60 = Foreign languages	1	2
		61 = Home economics	0	0
		62 = Industrial arts, vocational and technical	2	0
		63 = Mathematics	2	2
		64 = Music	6	1
		65 = Physical ed./ health ed.	6	1
		66 = Reading	26	3
		67 = Science	2	1
		68 = Social studies/ social sciences	3	2
		Special education		
		70 = Special ed., general	11	2
		71 = Education of the emotionally disturbed	3	0
		72 = Education of the mentally retarded	1	0
		73 = Education of the speech/ hearing/vision impaired	3	0
		74 = Special learning disabilities	11	0
		75 = Other special education	4	0
		Other education		
		80 = Curriculum and instruction	8	3
		81 = Educational administration	70	8
		82 = Educational psychology	2	1
		83 = Student personnel and counseling	7	1
		84 = Other education	12	5
		99 = Not answered	32	8

FIELD NAME	LOCATION	CODES = COMMENTS	UNWEIGHTED FREQUENCIES PUBLIC SCHOOL	PRIVATE SCHOOL
		bl = Not applicable	4521	1892
TSC064	396 - 397	GENERAL		
		11 = Agriculture and natural resources	0	0
		12 = Architecture and environmental design	0	0
		13 = Area and ethnic studies	0	0
		14 = Biological/life science	0	2
		15 = Business and management	0	0
		17 = Computer and information science	0	0
		18 = Engineering	0	0
		19 = Fine and applied arts	1	1
		20 = Foreign languages	0	2
		21 = Health professions	0	0
		22 = Home economics	0	0
		23 = Law	1	0
		24 = Letters (English, literature, speech, classics)	2	3
		25 = Library science	0	0
		26 = Mathematics	1	1
		27 = Military science	0	0
		28 = Multi/interdisciplinary studies	0	0
		29 = Philosophy and religion	0	1
		30 = Psychology	1	1
		31 = Public affairs and services	0	0
		32 = Theology	1	0
		Physical sciences		
		33 = Chemistry	1	1
		34 = Physics	0	0
		35 = Geology/earth science	0	0
		36 = Other physical sciences	0	0
		Social science		
		37 = Economics	0	0
		38 = History	0	3
		39 = Political science and government	1	0
		40 = Sociology	0	0
		41 = Other social sciences	0	0
		42 = Other	0	0
		EDUCATION		

FIELD NAME	LOCATION	CODES = COMMENTS	UNWEIGHTED FREQUENCIES PUBLIC SCHOOL	PRIVATE SCHOOL
		General education		
		51 = Elementary	1	0
		52 = Pre-elementary/ early childhood	1	0
		53 = Secondary	2	0
		Subject area education		
		54 = Agricultural	0	0
		55 = Art	1	0
		56 = Bilingual	0	0
		57 = Business, commerce, and distributive	0	0
		58 = English as a second language	0	0
		59 = English	0	0
		60 = Foreign languages	0	0
		61 = Home economics	0	0
		62 = Industrial arts, vocational and technical	0	0
		63 = Mathematics	0	1
		64 = Music	2	0
		65 = Physical ed./ health ed.	0	1
		66 = Reading	1	0
		67 = Science	0	0
		68 = Social studies/ social sciences	0	0
		Special education		
		70 = Special ed., general	2	0
		71 = Education of the emotionally disturbed	0	0
		72 = Education of the mentally retarded	2	0
		73 = Education of the speech/ hearing/vision impaired	0	0
		74 = Special learning disabilities	1	0
		75 = Other special education	0	0
		Other education		
		80 = Curriculum and instruction	4	0
		81 = Educational administration	4	0
		82 = Educational psychology	0	0
		83 = Student personnel and counseling	0	0
		84 = Other education	5	0
		99 = Not answered	8	4
		bl = Not applicable	4768	1930

FIELD NAME	LOCATION	CODES = COMMENTS	UNWEIGHTED FREQUENCIES	
			PUBLIC SCHOOL	PRIVATE SCHOOL
TSC068	404 - 405	GENERAL		
		11 = Agriculture and natural resources	0	0
		12 = Architecture and environmental design	0	0
		13 = Area and ethnic studies	0	0
		14 = Biological/life science	0	0
		15 = Business and management	0	0
		17 = Computer and information science	0	0
		18 = Engineering	0	0
		19 = Fine and applied arts	0	0
		20 = Foreign languages	0	0
		21 = Health professions	0	1
		22 = Home economics	0	0
		23 = Law	6	0
		24 = Letters (English, literature, speech, classics)	0	0
		25 = Library science	0	0
		26 = Mathematics	0	0
		27 = Military science	0	0
		28 = Multi/interdisciplinary studies	0	0
		29 = Philosophy and religion	0	0
		30 = Psychology	0	0
		31 = Public affairs and services	0	0
		32 = Theology	0	1
		Physical sciences		
		33 = Chemistry	0	0
		34 = Physics	0	0
		35 = Geology/earth science	0	0
		36 = Other physical sciences	0	0
		Social science		
		37 = Economics	0	0
		38 = History	0	0
		39 = Political science and government	0	0
		40 = Sociology	0	0
		41 = Other social sciences	0	0
		42 = Other	1	0
		EDUCATION		
		General education		

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FIELD NAME	LOCATION	CODES = COMMENTS	UNWEIGHTED FREQUENCIES PUBLIC SCHOOL	UNWEIGHTED FREQUENCIES PRIVATE SCHOOL
		51 = Elementary	1	0
		52 = Pre-elementary/ early childhood	0	0
		53 = Secondary	0	0
		Subject area education		
		54 = Agricultural	0	0
		55 = Art	0	0
		56 = Bilingual	0	0
		57 = Business, commerce, and distributive	0	0
		58 = English as a second language	0	0
		59 = English	0	0
		60 = Foreign languages	0	0
		61 = Home economics	0	0
		62 = Industrial arts, vocational and technical	0	0
		63 = Mathematics	0	0
		64 = Music	0	0
		65 = Physical ed./ health ed.	0	0
		66 = Reading	0	0
		67 = Science	0	0
		68 = Social studies/ social sciences	0	1
		Special education		
		70 = Special ed., general	0	0
		71 = Education of the emotionally disturbed	0	0
		72 = Education of the mentally retarded	0	0
		73 = Education of the speech/ hearing/vision impaired	0	0
		74 = Special learning disabilities	0	0
		75 = Other special education	0	0
		Other education		
		80 = Curriculum and instruction	0	0
		81 = Educational administration	0	0
		82 = Educational psychology	0	0
		83 = Student personnel and counseling	0	0
		84 = Other education	0	0
		99 = Not answered	9	4
		bl = Not applicable	4795	1944

APPENDIX 'C'
FREQUENCIES FOR TSC 041,045,049,053,057,061,065,069

FIELD NAME	LOCATION	CODES = COMMENTS	UNWEIGHTED FREQUENCIES PUBLIC SCHOOL	PRIVATE SCHOOL
TSC041	355 - 356	C. What was your second major or minor field of study for each degree		
		GENERAL		
		11 = Agriculture and natural resources	2	0
		12 = Architecture and environmental design	0	0
		13 = Area and ethnic studies	0	0
		14 = Biological/life science	5	1
		15 = Business and management	1	0
		17 = Computer and information science	1	0
		18 = Engineering	0	0
		19 = Fine and applied arts	3	2
		20 = Foreign languages	3	0
		21 = Health professions	2	0
		22 = Home economics	1	0
		23 = Law	0	0
		24 = Letters (English, literature, speech, classics)	5	4
		25 = Library science	0	0
		26 = Mathematics	5	2
		27 = Military science	0	0
		28 = Multi/interdisciplinary studies	0	0
		29 = Philosophy and religion	1	1
		30 = Psychology	8	3
		31 = Public affairs and services	0	0
		32 = Theology	0	1
		Physical sciences		
		33 = Chemistry	2	0
		34 = Physics	0	1
		35 = Geology/earth science	0	0
		36 = Other physical sciences	2	1
		Social science		
		37 = Economics	0	0
		38 = History	4	3
		39 = Political science and government	3	0

FIELD NAME	LOCATION	CODES = COMMENTS	UNWEIGHTED FREQUENCIES PUBLIC SCHOOL	PRIVATE SCHOOL
		40 = Sociology	2	1
		41 = Other social sciences	3	2
		42 = Other	6	2
		EDUCATION		
		General education		
		51 = Elementary	9	7
		52 = Pre-elementary/ early childhood	2	5
		53 = Secondary	2	0
		Subject area education		
		54 = Agricultural	1	0
		55 = Art	2	1
		56 = Bilingual	2	0
		57 = Business, commerce, and distributive	3	0
		58 = English as a second language	0	0
		59 = English	9	1
		60 = Foreign languages	0	1
		61 = Home economics	0	0
		62 = Industrial arts, vocational and technical	4	1
		63 = Mathematics	3	1
		64 = Music	5	1
		65 = Physical ed./ health ed.	5	3
		66 = Reading	5	2
		67 = Science	5	1
		68 = Social studies/ social sciences	4	1
		Special education		
		70 = Special ed., general	0	0
		71 = Education of the emotionally disturbed	0	0
		72 = Education of the mentally retarded	1	2
		73 = Education of the speech/ hearing/vision impaired	0	0
		74 = Special learning disabilities	0	0
		75 = Other special education	1	0
		Other education		
		80 = Curriculum and instruction	0	1
		81 = Educational		

FIELD NAME	LOCATION	CODES = COMMENTS	UNWEIGHTED FREQUENCIES PUBLIC SCHOOL	PRIVATE SCHOOL
		administration	0	0
		82 = Educational psychology	2	0
		83 = Student personnel and counseling	0	0
		84 = Other education	5	2
		99 = Not answered	417	154
		bl = Not applicable	4161	1707
TSC045	362 - 363	C. What was your second major or minor field of study for each degree		
		GENERAL		
		11 = Agriculture and natural resources	4	2
		12 = Architecture and environmental design	1	0
		13 = Area and ethnic studies	0	2
		14 = Biological/life science	84	18
		15 = Business and management	28	13
		17 = Computer and information science	11	1
		18 = Engineering	1	0
		19 = Fine and applied arts	38	14
		20 = Foreign languages	60	36
		21 = Health professions	10	3
		22 = Home economics	10	2
		23 = Law	0	0
		24 = Letters (English, literature, speech, classics)	122	56
		25 = Library science	14	10
		26 = Mathematics	85	49
		27 = Military science	1	0
		28 = Multi/interdisciplinary studies	3	1
		29 = Philosophy and religion	26	28
		30 = Psychology	120	51
		31 = Public affairs and services	0	1
		32 = Theology	1	25
		Physical sciences		
		33 = Chemistry	50	18
		34 = Physics	16	4
		35 = Geology/earth science	21	8
		36 = Other physical sciences	38	8
		Social science		

FIELD NAME	LOCATION	CODES = COMMENTS	UNWEIGHTED FREQUENCIES PUBLIC SCHOOL	PRIVATE SCHOOL
		37 = Economics	10	6
		38 = History	151	60
		39 = Political science and government	43	10
		40 = Sociology	62	23
		41 = Other social sciences	39	27
		42 = Other	42	18
		EDUCATION		
		General education		
		51 = Elementary	190	95
		52 = Pre-elementary/ early childhood	101	50
		53 = Secondary	112	41
		Subject area education		
		54 = Agricultural	0	1
		55 = Art	55	19
		56 = Bilingual	11	1
		57 = Business, commerce, and distributive	23	5
		58 = English as a second language	3	0
		59 = English	154	75
		60 = Foreign languages	53	14
		61 = Home economics	11	5
		62 = Industrial arts, vocational and technical	8	2
		63 = Mathematics	72	20
		64 = Music	49	30
		65 = Physical ed./ health ed.	114	22
		66 = Reading	55	15
		67 = Science	86	13
		68 = Social studies/ social sciences	127	58
		Special education		
		70 = Special ed., general	72	26
		71 = Education of the emotionally disturbed	14	4
		72 = Education of the mentally retarded	44	10
		73 = Education of the speech/ hearing/vision impaired	17	5
		74 = Special learning disabilities	37	7
		75 = Other special education	16	5

FIELD NAME	LOCATION	CODES = COMMENTS	UNWEIGHTED FREQUENCIES	
			PUBLIC SCHOOL	PRIVATE SCHOOL
		Other education		
		80 = Curriculum and instruction	4	2
		81 = Educational administration	3	2
		82 = Educational psychology	6	5
		83 = Student personnel and counseling	1	0
		84 = Other education	35	18
		99 = Not answered	1713	609
		bl = Not applicable	45	104
TSC049	369 - 370	C. What was your second major or minor field of study for each degree		
		GENERAL		
		11 = Agriculture and natural resources	0	0
		12 = Architecture and environmental design	0	0
		13 = Area and ethnic studies	0	0
		14 = Biological/life science	1	1
		15 = Business and management	1	2
		17 = Computer and information science	0	0
		18 = Engineering	0	0
		19 = Fine and applied arts	1	0
		20 = Foreign languages	1	0
		21 = Health professions	0	1
		22 = Home economics	0	0
		23 = Law	0	0
		24 = Letters (English, literature, speech, classics)	2	1
		25 = Library science	0	0
		26 = Mathematics	2	0
		27 = Military science	0	0
		28 = Multi/interdisciplinary studies	0	0
		29 = Philosophy and religion	0	0
		30 = Psychology	2	2
		31 = Public affairs and services	0	0
		32 = Theology	0	3
		Physical sciences		
		33 = Chemistry	0	0
		34 = Physics	0	0
		35 = Geology/earth science	0	0

FIELD NAME	LOCATION	CODES = COMMENTS	UNWEIGHTED FREQUENCIES PUBLIC SCHOOL	PRIVATE SCHOOL
		36 = Other physical sciences	1	0
		Social science		
		37 = Economics	0	0
		38 = History	3	2
		39 = Political science and government	1	1
		40 = Sociology	0	0
		41 = Other social sciences	1	1
		42 = Other	1	0
		EDUCATION		
		General education		
		51 = Elementary	2	2
		52 = Pre-elementary/ early childhood	3	1
		53 = Secondary	2	1
		Subject area education		
		54 = Agricultural	1	0
		55 = Art	0	0
		56 = Bilingual	0	0
		57 = Business, commerce, and distributive	0	0
		58 = English as a second language	1	0
		59 = English	4	2
		60 = Foreign languages	1	0
		61 = Home economics	0	0
		62 = Industrial arts, vocational and technical	3	0
		63 = Mathematics	5	0
		64 = Music	1	1
		65 = Physical ed./ health ed.	1	0
		66 = Reading	4	1
		67 = Science	2	0
		68 = Social studies/ social sciences	3	2
		Special education		
		70 = Special ed., general	2	1
		71 = Education of the emotionally disturbed	0	0
		72 = Education of the mentally retarded	3	1
		73 = Education of the speech/ hearing/vision impaired	0	0

FIELD NAME	LOCATION	CODES = COMMENTS	UNWEIGHTED FREQUENCIES PUBLIC SCHOOL	PRIVATE SCHOOL
		74 = Special learning disabilities	4	1
		75 = Other special education	3	0
		Other education		
		80 = Curriculum and instruction	0	0
		81 = Educational administration	0	0
		82 = Educational psychology	0	0
		83 = Student personnel and counseling	0	2
		84 = Other education	0	0
		99 = Not answered	174	60
		bl = Not applicable	4539	1845
TSC053	376 - 377	C. What was your second major or minor field of study for each degree		
		GENERAL		
		11 = Agriculture and natural resources	1	1
		12 = Architecture and environmental design	0	0
		13 = Area and ethnic studies	1	0
		14 = Biological/life science	9	0
		15 = Business and management	3	0
		17 = Computer and information science	4	2
		18 = Engineering	0	0
		19 = Fine and applied arts	1	3
		20 = Foreign languages	4	1
		21 = Health professions	2	0
		22 = Home economics	1	0
		23 = Law	0	0
		24 = Letters (English, literature, speech, classics)	8	6
		25 = Library science	0	1
		26 = Mathematics	7	4
		27 = Military science	0	0
		28 = Multi/interdisciplinary studies	0	1
		29 = Philosophy and religion	1	2
		30 = Psychology	15	4
		31 = Public affairs and services	0	0
		32 = Theology	1	1

FIELD NAME	LOCATION	CODES = COMMENTS	UNWEIGHTED FREQUENCIES PUBLIC SCHOOL	UNWEIGHTED FREQUENCIES PRIVATE SCHOOL
		Physical sciences		
		33 = Chemistry	3	1
		34 = Physics	2	0
		35 = Geology/earth science	1	0
		36 = Other physical sciences	3	1
		Social science		
		37 = Economics	0	1
		38 = History	8	5
		39 = Political science and government	5	2
		40 = Sociology	4	1
		41 = Other social sciences	4	0
		42 = Other	4	2
		EDUCATION		
		General education		
		51 = Elementary	12	7
		52 = Pre-elementary/ early childhood	17	6
		53 = Secondary	18	6
		Subject area education		
		54 = Agricultural	1	0
		55 = Art	4	3
		56 = Bilingual	3	1
		57 = Business, commerce, and distributive	6	0
		58 = English as a second language	6	0
		59 = English	13	4
		60 = Foreign languages	3	5
		61 = Home economics	1	0
		62 = Industrial arts, vocational and technical	2	0
		63 = Mathematics	14	4
		64 = Music	7	0
		65 = Physical ed./ health ed.	9	0
		66 = Reading	36	7
		67 = Science	10	0
		68 = Social studies/ social sciences	10	0
		Special education		
		70 = Special ed., general	13	4
		71 = Education of the emotionally disturbed	15	1
		72 = Education of the mentally		

FIELD NAME	LOCATION	CODES = COMMENTS	UNWEIGHTED FREQUENCIES PUBLIC SCHOOL	PRIVATE SCHOOL
		retarded	11	0
		73 = Education of the speech/ hearing/vision impaired	7	1
		74 = Special learning disabilities	16	6
		75 = Other special education	8	3
		Other education		
		80 = Curriculum and instruction	10	5
		81 = Educational administration	33	5
		82 = Educational psychology	8	3
		83 = Student personnel and counseling	13	4
		84 = Other education	14	1
		99 = Not answered	1199	328
		bl = Not applicable	2951	1426
TSC057	383 - 384	C. What was your second major or minor field of study for each degree		
		GENERAL		
		11 = Agriculture and natural resources	0	0
		12 = Architecture and environmental design	0	0
		13 = Area and ethnic studies	0	0
		14 = Biological/life science	0	0
		15 = Business and management	0	0
		17 = Computer and information science	0	0
		18 = Engineering	0	0
		19 = Fine and applied arts	0	0
		20 = Foreign languages	0	0
		21 = Health professions	0	0
		22 = Home economics	0	0
		23 = Law	0	0
		24 = Letters (English, literature, speech, classics)	0	0
		25 = Library science	0	0
		26 = Mathematics	0	0
		27 = Military science	0	0
		28 = Multi/interdisciplinary studies	0	0
		29 = Philosophy and religion	0	0

FIELD NAME	LOCATION	CODES = COMMENTS	UNWEIGHTED FREQUENCIES	
			PUBLIC SCHOOL	PRIVATE SCHOOL
		30 = Psychology	1	1
		31 = Public affairs and services	0	0
		32 = Theology	0	0
		Physical sciences		
		33 = Chemistry	0	0
		34 = Physics	0	1
		35 = Geology/earth science	0	0
		36 = Other physical sciences	0	0
		Social science		
		37 = Economics	1	0
		38 = History	0	0
		39 = Political science and government	0	0
		40 = Sociology	0	0
		41 = Other social sciences	0	0
		42 = Other	0	1
		EDUCATION		
		General education		
		51 = Elementary	1	0
		52 = Pre-elementary/ early childhood	0	0
		53 = Secondary	1	1
		Subject area education		
		54 = Agricultural	0	0
		55 = Art	0	0
		56 = Bilingual	0	0
		57 = Business, commerce, and distributive	1	0
		58 = English as a second language	1	0
		59 = English	2	1
		60 = Foreign languages	0	1
		61 = Home economics	1	0
		62 = Industrial arts, vocational and technical	0	0
		63 = Mathematics	0	0
		64 = Music	0	0
		65 = Physical ed./ health ed.	1	0
		66 = Reading	0	0
		67 = Science	1	0
		68 = Social studies/ social sciences	1	0
		Special education		
		70 = Special ed., general	0	0

FIELD NAME	LOCATION	CODES = COMMENTS	UNWEIGHTED FREQUENCIES PUBLIC SCHOOL	UNWEIGHTED FREQUENCIES PRIVATE SCHOOL
		71 = Education of the emotionally disturbed	1	0
		72 = Education of the mentally retarded	1	0
		73 = Education of the speech/ hearing/vision impaired	0	0
		74 = Special learning disabilities	0	0
		75 = Other special education	0	0
		Other education		
		80 = Curriculum and instruction	1	0
		81 = Educational administration	1	1
		82 = Educational psychology	0	0
		83 = Student personnel and counseling	0	1
		84 = Other education	2	0
		99 = Not answered	89	29
		bl = Not applicable	4694	1908
TSC061	390 - 391	C. What was your second major or minor field of study for each degree		
		GENERAL		
		11 = Agriculture and natural resources	0	0
		12 = Architecture and environmental design	0	0
		13 = Area and ethnic studies	0	0
		14 = Biological/life science	1	0
		15 = Business and management	0	0
		17 = Computer and information science	0	0
		18 = Engineering	0	0
		19 = Fine and applied arts	0	0
		20 = Foreign languages	0	0
		21 = Health professions	0	0
		22 = Home economics	0	0
		23 = Law	0	0
		24 = Letters (English, literature, speech, classics)	0	0
		25 = Library science	0	0

FIELD NAME	LOCATION	CODES = COMMENTS	UNWEIGHTED FREQUENCIES PUBLIC SCHOOL	PRIVATE SCHOOL
		26 = Mathematics	0	0
		27 = Military science	0	0
		28 = Multi/interdisciplinary studies	0	1
		29 = Philosophy and religion	0	0
		30 = Psychology	1	0
		31 = Public affairs and services	0	0
		32 = Theology	0	0
		Physical sciences		
		33 = Chemistry	0	0
		34 = Physics	0	1
		35 = Geology/earth science	0	0
		36 = Other physical sciences	0	0
		Social science		
		37 = Economics	1	0
		38 = History	0	0
		39 = Political science and government	0	0
		40 = Sociology	0	1
		41 = Other social sciences	0	0
		42 = Other	0	1
		EDUCATION		
		General education		
		51 = Elementary	1	0
		52 = Pre-elementary/early childhood	0	1
		53 = Secondary	1	1
		Subject area education		
		54 = Agricultural	1	0
		55 = Art	1	0
		56 = Bilingual	2	0
		57 = Business, commerce, and distributive	0	0
		58 = English as a second language	1	0
		59 = English	1	0
		60 = Foreign languages	0	0
		61 = Home economics	0	1
		62 = Industrial arts, vocational and technical	0	0
		63 = Mathematics	0	0
		64 = Music	1	0
		65 = Physical ed./health ed.	0	0
		66 = Reading	7	1
		67 = Science	1	0

FIELD NAME	LOCATION	CODES = COMMENTS	UNWEIGHTED FREQUENCIES PUBLIC SCHOOL	PRIVATE SCHOOL
		68 = Social studies/ social sciences	0	0
		Special education		
		70 = Special ed., general	1	2
		71 = Education of the emotionally disturbed	1	0
		72 = Education of the mentally retarded	3	0
		73 = Education of the speech/ hearing/vision impaired	0	0
		74 = Special learning disabilities	3	0
		75 = Other special education	6	0
		Other education		
		80 = Curriculum and instruction	4	0
		81 = Educational administration	7	1
		82 = Educational psychology	0	0
		83 = Student personnel and counseling	1	0
		84 = Other education	0	0
		99 = Not answered	213	40
		bl = Not applicable	4521	1892
TSC065	398 - 399	C. What was your second major or minor field of study for each degree		
		GENERAL		
		11 = Agriculture and natural resources	0	0
		12 = Architecture and environmental design	0	0
		13 = Area and ethnic studies	0	0
		14 = Biological/life science	0	0
		15 = Business and management	0	0
		17 = Computer and information science	0	0
		18 = Engineering	0	0
		19 = Fine and applied arts	1	0
		20 = Foreign languages	0	0
		21 = Health professions	0	0
		22 = Home economics	0	0

FIELD NAME	LOCATION	CODES = COMMENTS	UNWEIGHTED FREQUENCIES PUBLIC SCHOOL	UNWEIGHTED FREQUENCIES PRIVATE SCHOOL
		23 = Law	0	0
		24 = Letters (English, literature, speech, classics)	1	0
		25 = Library science	0	0
		26 = Mathematics	1	0
		27 = Military science	0	0
		28 = Multi/interdisciplinary studies	0	0
		29 = Philosophy and religion	1	0
		30 = Psychology	1	0
		31 = Public affairs and services	0	0
		32 = Theology	0	0
		Physical sciences		
		33 = Chemistry	0	0
		34 = Physics	2	0
		35 = Geology/earth science	0	0
		36 = Other physical sciences	0	0
		Social science		
		37 = Economics	1	0
		38 = History	0	0
		39 = Political science and government	0	0
		40 = Sociology	0	0
		41 = Other social sciences	0	0
		42 = Other	0	0
		EDUCATION		
		General education		
		51 = Elementary	1	0
		52 = Pre-elementary/ early childhood	0	0
		53 = Secondary	0	0
		Subject area education		
		54 = Agricultural	0	0
		55 = Art	0	0
		56 = Bilingual	0	0
		57 = Business, commerce, and distributive	0	0
		58 = English as a second language	0	0
		59 = English	0	0
		60 = Foreign languages	0	0
		61 = Home economics	0	0
		62 = Industrial arts, vocational and technical	0	0
		63 = Mathematics	0	0

FIELD NAME	LOCATION	CODES = COMMENTS	UNWEIGHTED FREQUENCIES PUBLIC SCHOOL	PRIVATE SCHOOL
		64 = Music	0	0
		65 = Physical ed./ health ed.	1	0
		66 = Reading	0	0
		67 = Science	0	0
		68 = Social studies/ social sciences	0	0
		Special education		
		70 = Special ed., general	1	0
		71 = Education of the emotionally disturbed	0	0
		72 = Education of the mentally retarded	2	0
		73 = Education of the speech/ hearing/vision impaired	2	0
		74 = Special learning disabilities	0	0
		75 = Other special education	0	0
		Other education		
		80 = Curriculum and instruction	0	0
		81 = Educational administration	2	1
		82 = Educational psychology	0	0
		83 = Student personnel and counseling	0	0
		84 = Other education	2	0
		99 = Not answered	17	15
		bl = Not applicable	4768	1930
TSC069	406 - 407	C. What was your second major or minor field of study for each degree		
		GENERAL		
		11 = Agriculture and natural resources	0	0
		12 = Architecture and environmental design	0	0
		13 = Area and ethnic studies	0	0
		14 = Biological/life science	0	0
		15 = Business and management	0	0
		17 = Computer and information science	0	0
		18 = Engineering	0	0

			UNWEIGHTED FREQUENCIES	
FIELD NAME	LOCATION	CODES = COMMENTS	PUBLIC SCHOOL	PRIVATE SCHOOL
		19 = Fine and applied arts	0	0
		20 = Foreign languages	0	0
		21 = Health professions	0	0
		22 = Home economics	0	0
		23 = Law	0	0
		24 = Letters (English, literature, speech, classics)	0	0
		25 = Library science	0	0
		26 = Mathematics	0	0
		27 = Military science	0	0
		28 = Multi/interdisciplinary studies	0	0
		29 = Philosophy and religion	0	0
		30 = Psychology	0	0
		31 = Public affairs and services	0	0
		32 = Theology	0	0
		Physical sciences		
		33 = Chemistry	0	0
		34 = Physics	0	0
		35 = Geology/earth science	0	0
		36 = Other physical sciences	0	0
		Social science		
		37 = Economics	0	0
		38 = History	0	0
		39 = Political science and government	0	0
		40 = Sociology	0	0
		41 = Other social sciences	0	0
		42 = Other	0	0
		EDUCATION		
		General education		
		51 = Elementary	0	0
		52 = Pre-elementary/early childhood	0	0
		53 = Secondary	0	0
		Subject area education		
		54 = Agricultural	0	0
		55 = Art	0	0
		56 = Bilingual	0	0
		57 = Business, commerce, and distributive	0	0
		58 = English as a second language	0	0
		59 = English	0	0

FIELD NAME	LOCATION	CODES = COMMENTS	UNWEIGHTED FREQUENCIES PUBLIC SCHOOL	PRIVATE SCHOOL
		60 = Foreign languages	0	0
		61 = Home economics	0	0
		62 = Industrial arts, vocational and technical	0	0
		63 = Mathematics	0	0
		64 = Music	0	0
		65 = Physical ed./ health ed.	0	0
		66 = Reading	0	0
		67 = Science	0	0
		68 = Social studies/ social sciences	2	0
		Special education		
		70 = Special ed., general	0	0
		71 = Education of the emotionally disturbed	0	0
		72 = Education of the mentally retarded	0	0
		73 = Education of the speech/ hearing/vision impaired	0	0
		74 = Special learning disabilities	0	0
		75 = Other special education	0	0
		Other education		
		80 = Curriculum and instruction	0	0
		81 = Educational administration	0	0
		82 = Educational psychology	0	0
		83 = Student personnel and counseling	0	0
		84 = Other education	0	0
		99 = Not answered	15	7
		bl = Not applicable	4795	1944

APPENDIX 'D'
TSC042, TSC046, TSC050, TSC054, TSC058, TSC062, TSC066, TSC070

FIELD NAME	LOCATION	CODES = COMMENTS	PUBLIC SCHOOL	PRIVATE SCHOOL
TSC042	357 - 358	14d. In what year did you receive your degree?		
		33 = Year	0	1
		38 =	0	1
		41 =	1	0
		42 =	1	0
		43 =	2	0
		45 =	3	0
		46 =	2	0
		47 =	4	0
		48 =	2	0
		49 =	3	2
		50 =	5	0
		51 =	4	0
		52 =	3	3
		53 =	5	0
		54 =	4	1
		55 =	4	0
		56 =	3	0
		57 =	5	0
		58 =	3	3
		59 =	2	2
		60 =	3	4
		61 =	6	2
		62 =	8	1
		63 =	6	1
		64 =	10	2
		65 =	6	2
		66 =	10	7
		67 =	17	6
		68 =	14	2
		69 =	20	3
		70 =	24	8
		71 =	29	5
		72 =	25	8
		73 =	18	7
		74 =	12	9
		75 =	19	6
		76 =	22	10
		77 =	22	6
		78 =	21	11
		79 =	29	12
		80 =	25	12
		81 =	38	12
		82 =	37	11
		83 =	22	13
		84 =	15	8
		85 =	24	13
		86 =	15	11
		87 =	7	7
		88 =	3	1
		99 = Not answered	88	31
		bl = Not applicable	4161	1707

FIELD NAME	LOCATION	CODES = COMMENTS	PUBLIC SCHOOL	PRIVATE SCHOOL
TSC046	364 - 365			
		27 = Year	1	0
		30 =	0	1
		32 =	0	1
		35 =	0	1
		39 =	2	0
		40 =	1	1
		41 =	4	1
		42 =	5	0
		43 =	6	3
		44 =	4	3
		45 =	12	2
		46 =	12	3
		47 =	17	1
		48 =	25	8
		49 =	25	4
		50 =	40	4
		51 =	38	10
		52 =	35	8
		53 =	41	2
		54 =	41	14
		55 =	41	5
		56 =	37	13
		57 =	56	8
		58 =	58	8
		59 =	52	13
		60 =	57	21
		61 =	63	16
		62 =	70	14
		63 =	73	19
		64 =	78	26
		65 =	78	40
		66 =	95	26
		67 =	94	34
		68 =	120	52
		69 =	154	47
		70 =	150	43
		71 =	156	61
		72 =	189	74
		73 =	157	55
		74 =	140	54
		75 =	148	60
		76 =	131	56
		77 =	123	36
		78 =	132	54
		79 =	141	49
		80 =	133	73
		81 =	135	68
		82 =	160	78
		83 =	178	86
		84 =	200	95
		85 =	268	123
		86 =	242	145
		87 =	179	102
		88 =	1	3
		99 = Not answered	369	123
		bl = Not applicable	45	104
TSC050	371 - 372			

FIELD NAME	LOCATION	CODES = COMMENTS	PUBLIC SCHOOL	PRIVATE SCHOOL
		48 = Year	0	1
		49 =	2	1
		51 =	1	1
		52 =	1	0
		54 =	0	1
		55 =	1	2
		56 =	2	1
		58 =	1	1
		59 =	0	1
		60 =	2	2
		61 =	4	0
		62 =	2	0
		63 =	2	0
		64 =	3	0
		65 =	3	0
		66 =	1	0
		67 =	2	0
		68 =	4	0
		69 =	5	0
		70 =	7	2
		71 =	3	2
		72 =	9	2
		73 =	8	1
		74 =	4	4
		75 =	3	2
		76 =	11	1
		77 =	4	3
		78 =	8	3
		79 =	6	0
		80 =	12	6
		81 =	16	5
		82 =	5	7
		83 =	10	7
		84 =	15	7
		85 =	25	9
		86 =	24	10
		87 =	12	9
		88 =	5	1
		99 = Not answered	50	14
		bl = Not applicable	4539	1845
TSC054	378 - 379			
		40 = Year	0	1
		43 =	1	1
		46 =	0	1
		47 =	2	0
		48 =	1	0
		49 =	1	1
		50 =	5	0
		51 =	2	1
		52 =	4	0
		53 =	4	0
		54 =	6	2
		55 =	4	1
		56 =	8	1
		57 =	14	1
		58 =	8	3
		59 =	14	2
		60 =	10	6
		61 =	14	3

FIELD NAME	LOCATION	CODES = COMMENTS	PUBLIC SCHOOL	PRIVATE SCHOOL
		62 =	7	4
		63 =	18	4
		64 =	23	3
		65 =	25	6
		66 =	35	11
		67 =	33	11
		68 =	37	13
		69 =	33	7
		70 =	47	11
		71 =	51	18
		72 =	85	16
		73 =	68	12
		74 =	58	15
		75 =	90	26
		76 =	82	19
		77 =	69	18
		78 =	83	15
		79 =	64	16
		80 =	69	18
		81 =	70	18
		82 =	66	21
		83 =	72	22
		84 =	64	27
		85 =	69	25
		86 =	62	34
		87 =	106	33
		88 =	49	24
		99 = Not answered	28	54
		bl = Not applicable	**	
TSC058	385 - 386			
		55 = Year	1	1
		57 =	1	1
		61 =	0	1
		62 =	1	1
		63 =	1	0
		66 =	1	1
		67 =	1	1
		69 =	1	0
		70 =	6	0
		71 =	2	2
		72 =	2	1
		73 =	1	2
		74 =	3	1
		75 =	4	4
		76 =	3	1
		77 =	2	1
		78 =	6	1
		79 =	3	2
		80 =	9	0
		81 =	8	0
		82 =	7	2
		83 =	6	2
		84 =	4	0
		85 =	3	2
		86 =	6	4
		87 =	13	1
		88 =	1	1
		99 = Not answered	22	10
		bl = Not applicable	4694	1908

FIELD NAME	LOCATION	CODES = COMMENTS	UNWEIGHTED FREQUENCIES PUBLIC SCHOOL	UNWEIGHTED FREQUENCIES PRIVATE SCHOOL
TSC062	392 - 393			
		47 = Year	1	0
		57 =	0	1
		59 =	1	1
		60 =	1	0
		62 =	1	1
		63 =	1	0
		64 =	2	0
		65 =	1	0
		66 =	1	0
		67 =	4	0
		68 =	1	2
		69 =	2	0
		70 =	6	2
		71 =	2	0
		72 =	9	1
		73 =	6	0
		74 =	7	1
		75 =	13	1
		76 =	4	1
		77 =	5	1
		78 =	12	2
		79 =	13	1
		80 =	7	1
		81 =	14	2
		82 =	10	6
		83 =	12	1
		84 =	11	1
		85 =	11	4
		86 =	16	4
		87 =	24	5
		88 =	19	3
		99 = Not answered	74	17
		bl = Not applicable	4521	1892
TSC066	400 - 401			
		55 = Year	1	0
		58 =	1	0
		60 =	1	0
		65 =	1	0
		68 =	0	1
		70 =	1	1
		71 =	1	3
		72 =	0	1
		74 =	0	1
		75 =	4	0
		76 =	3	1
		77 =	1	0
		78 =	1	2
		80 =	1	0
		81 =	1	0
		82 =	1	0
		83 =	6	1
		84 =	1	0
		85 =	1	0
		86 =	0	2
		87 =	0	1
		88 =	4	1
		99 = Not answered	14	5

FIELD NAME	LOCATION	CODES = COMMENTS	APPENDIX 'D' UNWEIGHTED FREQUENCIES PUBLIC SCHOOL	PRIVATE SCHOOL
		bl = Not applicable	4768	1930
TSC070	408 - 409			
		64 = Year	1	0
		76 =	1	2
		77 =	1	0
		82 =	1	0
		85 =	1	0
		87 =	0	1
		88 =	3	0
		99 = Not answered	9	4
		bl = Not applicable	4795	1944

APPENDIX 'E'
TSC078, TSC079, TSC081, TSC083, TSC129

FIELD NAME	LOCATION	CODES = COMMENTS	UNWEIGHTED FREQUENCIES PUBLIC SCHOOL	UNWEIGHTED FREQUENCIES PRIVATE SCHOOL
TSC078	425 - 426	In what field do you teach the second most classes?		
		01 = Prekindergarten	5	15
		02 = Kindergarten	8	9
		03 = General elementary	18	17
		Special areas		
		04 = Art	16	31
		05 = Basic skills and remedial ed.	15	6
		06 = Bilingual ed.	11	2
		07 = Business ed.	12	9
		08 = Computer science	48	18
		09 = English/language arts	88	54
		10 = English as a second language	17	1
		11 = Foreign language	18	20
		12 = Gifted	25	2
		13 = Health, physical education	65	37
		14 = Home economics	7	2
		15 = Industrial arts	13	4
		16 = Mathematics	82	72
		17 = Music	11	26
		18 = Reading	50	46
		19 = Religion/ philosophy	0	51
		20 = Social studies/ social science	77	58
		Science		
		21 = Biology	28	18
		22 = Chemistry	17	8
		23 = Earth science/ geology	24	8
		24 = Physics	25	8
		25 = General and all other science	66	32
		Special Education		
		26 = Mentally retarded	29	2
		27 = Emotionally disturbed	21	5
		28 = Learning disabled	28	13
		29 = Speech and hearing impaired	1	2
		30 = Other special education	15	6
		31 = Vocational education	12	1
		32 = All others	50	23

FIELD NAME	LOCATION	CODES = COMMENTS	UNWEIGHTED FREQUENCIES PUBLIC SCHOOL	PRIVATE SCHOOL
TSC079	427 - 428	What field do you feel BEST QUALIFIED to teach?		
		01 = Prekindergarten	13	22
		02 = Kindergarten	168	106
		03 = General elementary	1202	623
		Special areas		
		04 = Art	111	59
		05 = Basic skills and remedial ed.	29	9
		06 = Bilingual ed.	26	1
		07 = Business ed.	99	17
		08 = Computer science	18	9
		09 = English/language arts	392	182
		10 = English as a second language	31	4
		11 = Foreign language	90	71
		12 = Gifted	25	3
		13 = Health, physical education	273	79
		14 = Home economics	107	17
		15 = Industrial arts	76	2
		16 = Mathematics	346	146
		17 = Music	259	74
		18 = Reading	155	67
		19 = Religion/ philosophy	2	64
		20 = Social studies/ social science	275	119
		Science		
		21 = Biology	153	51
		22 = Chemistry	35	16
		23 = Earth science/ geology	21	10
		24 = Physics	16	9
		25 = General and all other science	78	38
		Special Education		
		26 = Mentally retarded	140	21
		27 = Emotionally disturbed	65	15
		28 = Learning disabled	229	37
		29 = Speech and hearing impaired	88	9
		30 = Other special education	39	10
		31 = Vocational education	112	6
		32 = All others	47	15
TSC081	430 - 431	For what field do you feel second best qualified?		
		01 = Prekindergarten	62	45
		02 = Kindergarten	170	117

FIELD NAME	LOCATION	CODES = COMMENTS	UNWEIGHTED FREQUENCIES PUBLIC SCHOOL	PRIVATE SCHOOL
		03 = General elementary	405	135
		Special areas		
		04 = Art	45	42
		05 = Basic skills and remedial ed.	60	22
		06 = Bilingual ed.	25	6
		07 = Business ed.	52	17
		08 = Computer science	85	28
		09 = English/language arts	271	141
		10 = English as a second language	48	15
		11 = Foreign language	79	33
		12 = Gifted	65	15
		13 = Health, physical education	168	40
		14 = Home economics	29	14
		15 = Industrial arts	34	3
		16 = Mathematics	227	131
		17 = Music	49	48
		18 = Reading	196	82
		19 = Religion/ philosophy	14	84
		20 = Social studies/ social science	303	121
		Science		
		21 = Biology	114	28
		22 = Chemistry	55	23
		23 = Earth science/ geology	60	16
		24 = Physics	41	15
		25 = General and all other science	151	72
		Special Education		
		26 = Mentally retarded	87	14
		27 = Emotionally disturbed	52	21
		28 = Learning disabled	132	32
		29 = Speech and hearing impaired	13	9
		30 = Other special education	45	13
		31 = Vocational education	38	3
		32 = All others	77	21
TSC083	433 - 434	What was you previous primary assignment field?		
		01 = Prekindergarten	22	36
		02 = Kindergarten	63	37
		03 = General elementary	390	138
		Special areas		

			UNWEIGHTED FREQUENCIES	
FIELD NAME	LOCATION	CODES = COMMENTS	PUBLIC SCHOOL	PRIVATE SCHOOL
		04 = Art	12	8
		05 = Basic skills and remedial ed.	21	3
		06 = Bilingual ed.	6	0
		07 = Business ed.	22	4
		08 = Computer science	4	2
		09 = English/language arts	92	53
		10 = English as a second language	16	3
		11 = Foreign language	28	7
		12 = Gifted	11	2
		13 = Health, physical education	75	13
		14 = Home economics	25	3
		15 = Industrial arts	12	1
		16 = Mathematics	57	17
		17 = Music	15	19
		18 = Reading	46	10
		19 = Religion/ philosophy	0	6
		20 = Social studies/ social science	64	28
		Science		
		21 = Biology	39	8
		22 = Chemistry	10	4
		23 = Earth science/ geology	24	0
		24 = Physics	5	1
		25 = General and all other science	41	12
		Special Education		
		26 = Mentally retarded	56	11
		27 = Emotionally disturbed	30	9
		28 = Learning disabled	61	15
		29 = Speech and hearing impaired	14	5
		30 = Other special education	24	3
		31 = Vocational education	9	1
		32 = All others	21	9
TSC129	521 - 522	For what assignment field was this training relevant?		
		01 = Prekindergarten	2	8
		02 = Kindergarten	30	16
		03 = General elementary	344	157
		Special areas		
		04 = Art	19	10
		05 = Basic skills and remedial ed.	15	5
		06 = Bilingual ed.	15	0

FIELD NAME	LOCATION	CODES = COMMENTS	UNWEIGHTED FREQUENCIES PUBLIC SCHOOL	UNWEIGHTED FREQUENCIES PRIVATE SCHOOL
		07 = Business ed.	14	8
		08 = Computer science	68	16
		09 = English/language arts	75	23
		10 = English as a second language	20	2
		11 = Foreign language	25	5
		12 = Gifted	33	8
		13 = Health, physical education	43	18
		14 = Home economics	23	4
		15 = Industrial arts	11	1
		16 = Mathematics	85	16
		17 = Music	52	17
		18 = Reading	61	25
		19 = Religion/ philosophy	1	25
		20 = Social studies/ social science	46	12
		Science		
		21 = Biology	23	8
		22 = Chemistry	6	2
		23 = Earth science/ geology	13	5
		24 = Physics	11	2
		25 = General and all other science	38	10
		Special Education		
		26 = Mentally retarded	36	4
		27 = Emotionally disturbed	23	14
		28 = Learning disabled	78	18
		29 = Speech and hearing impaired	21	4
		30 = Other special education	45	12
		31 = Vocational education	31	5
		32 = All others	180	34

APPENDIX 'F'
TSC166, TSC173, TSC180, TSC187, TSC194, TSC201, TSC208, TSC215, TSC222

FIELD NAME	LOCATION	CODES = COMMENTS	PUBLIC SCHOOL	PRIVATE SCHOOL
TSC166	580 - 581	a. What was the subject matter of each class you taught		
		Business/vocational		
		11 = Accounting/bookkeeping	22	6
		12 = Shorthand	4	0
		13 = Typing	31	5
		14 = Other business education courses	21	1
		15 = Career ed.	14	0
		16 = Agriculture	26	2
		17 = Industrial arts	47	5
		18 = Home economics	60	7
		19 = Other vocational, trade, and industrial education	39	5
		English/language arts		
		21 = Literature	82	34
		22 = Composition/journalism/creative writing	53	19
		23 = Reading	131	51
		24 = English as a second language	11	1
		25 = Other English/language arts courses	152	49
		Foreign languages		
		31 = French	19	17
		32 = German	3	5
		33 = Latin	5	6
		34 = Russian	3	0
		35 = Spanish	33	24
		36 = Other foreign language	0	0
		Mathematics		
		41 = General math	135	45
		42 = Business math	5	2
		43 = Algebra, elem. Algebra, intermediate	33	24
		44 =	29	16
		45 = Algebra, advanced	9	2
		46 = Geometry, plane/solid	20	5
		47 = Trigonometry	2	3
		48 = Analytic geometry/math analysis Probability/statistics	2	3

FIELD NAME	LOCATION	CODES = COMMENTS	PUBLIC SCHOOL	PRIVATE SCHOOL
		50 = Calculus	8	1
		51 = Other mathematics	17	4
		Computer science		
		52 = Computer awareness/applications	15	5
		53 = Computer programming	13	2
		54 = Other computer science	3	0
		Natural science		
		61 = General science	39	15
		62 = Biology/life science	81	24
		63 = Chemistry	19	14
		64 = Physics	18	5
		65 = Earth/space science	34	4
		66 = Other physical science	34	7
		67 = Other natural science	7	0
		Social science		
		70 = Social studies	43	17
		71 = History	72	31
		72 = World civilization	16	2
		73 = Political science/ government	12	3
		74 = Geography	19	2
		75 = Economics	12	1
		76 = Civics	3	4
		77 = Sociology/social organization	2	1
		78 = Other social sciences	4	4
		Visual and performing arts		
		81 = Arts and crafts	69	31
		82 = Filmmaking/ photography	2	0
		83 = Chorus	20	5
		84 = Band	41	4
		85 = Drama/theater/ dance	7	3
		86 = Music	79	27
		87 = Other visual/ performing arts	7	2
		Other areas		
		91 = Driver ed.	4	0
		92 = Health	26	2
		93 = Philosophy/ religion	0	51
		94 = Physical ed.	111	36
		95 = Psychology	3	1
		96 = Other courses		

FIELD NAME	LOCATION	CODES = COMMENTS	PUBLIC SCHOOL	PRIVATE SCHOOL
		not elsewhere classified	35	21
		99 = Not answered	285	91
		bl = Not applicable	2661	1194
TSC173	592 - 593	a. What was the subject matter of each class you taught		
		Business/vocational		
		11 = Accounting/bookkeeping	16	4
		12 = Shorthand	3	0
		13 = Typing	41	4
		14 = Other business education courses	18	3
		15 = Career ed.	17	2
		16 = Agriculture	26	3
		17 = Industrial arts	42	3
		18 = Home economics	55	6
		19 = Other vocational, trade, and industrial education	37	3
		English/language arts		
		21 = Literature	74	32
		22 = Composition/journalism/creative writing	72	19
		23 = Reading	104	41
		24 = English as a second language	15	1
		25 = Other English/language arts courses	146	59
		Foreign languages		
		31 = French	14	17
		32 = German	4	5
		33 = Latin	5	5
		34 = Russian	1	0
		35 = Spanish	31	21
		36 = Other foreign language	1	0
		Mathematics		
		41 = General math	110	52
		42 = Business math	7	2
		43 = Algebra, elem. Algebra, intermediate	36	23
		45 = Algebra, advanced	12	7
		46 = Geometry, plane/solid	25	10
		47 = Trigonometry	4	4
		48 = Analytic geometry/math analysis Probability/statistics	7	2
		50 = Calculus	7	2

FIELD NAME	LOCATION	CODES = COMMENTS	PUBLIC SCHOOL	PRIVATE SCHOOL
		51 = Other mathematics	16	3
		Computer science		
		52 = Computer awareness/applications	14	4
		53 = Computer programming	5	5
		54 = Other computer science	4	0
		Natural science		
		61 = General science	43	23
		62 = Biology/life science	59	21
		63 = Chemistry	21	10
		64 = Physics	13	4
		65 = Earth/space science	37	5
		66 = Other physical science	46	9
		67 = Other natural science	6	3
		Social science		
		70 = Social studies	43	16
		71 = History	59	28
		72 = World civilization	18	5
		73 = Political science/ government	17	2
		74 = Geography	23	2
		75 = Economics	11	2
		76 = Civics	6	1
		77 = Sociology/social organization	2	0
		78 = Other social sciences	6	3
		Visual and performing arts		
		81 = Arts and crafts	60	28
		82 = Filmmaking/ photography	0	0
		83 = Chorus	15	2
		84 = Band	24	4
		85 = Drama/theater/ dance	7	2
		86 = Music	76	24
		87 = Other visual/ performing arts	7	2
		Other areas		
		91 = Driver ed.	3	0
		92 = Health	28	5
		93 = Philosophy/ religion	1	31
		94 = Physical ed.	104	37
		95 = Psychology	3	1
		96 = Other courses not elsewhere		

FIELD NAME	LOCATION	CODES = COMMENTS	PUBLIC SCHOOL	PRIVATE SCHOOL
		classified	36	10
		99 = Not answered	267	84
		bl = Not applicable	2779	1242
TSC180	604 - 605	a. What was the subject matter of each class you taught		
		Business/vocational		
		11 = Accounting/bookkeeping	17	5
		12 = Shorthand	3	0
		13 = Typing	31	2
		14 = Other business education courses	14	1
		15 = Career ed.	15	0
		16 = Agriculture	27	1
		17 = Industrial arts	41	3
		18 = Home economics	52	6
		19 = Other vocational, trade, and industrial education	36	7
		English/language arts		
		21 = Literature	81	21
		22 = Composition/ journalism/ creative writing	57	14
		23 = Reading	84	27
		24 = English as a second language	6	1
		25 = Other English/ language arts courses	139	51
		Foreign languages		
		31 = French	16	16
		32 = German	5	5
		33 = Latin	2	7
		34 = Russian	1	0
		35 = Spanish	35	15
		36 = Other foreign language	1	50
		Mathematics		
		41 = General math	141	50
		42 = Business math	8	1
		43 = Algebra, elem. Algebra, intermediate	46	15
		44 =	25	9
		45 = Algebra, advanced	9	1
		46 = Geometry, plane/ solid	21	15
		47 = Trigonometry	2	1
		48 = Analytic geometry/ math analysis Probability/ statistics	4	3
		49 =	1	0

FIELD NAME	LOCATION	CODES = COMMENTS	PUBLIC SCHOOL	PRIVATE SCHOOL
		50 = Calculus	2	4
		51 = Other mathematics	15	2
		Computer science		
		52 = Computer awareness/applications	13	6
		53 = Computer programming	10	5
		54 = Other computer science	4	1
		Natural science		
		61 = General science	43	27
		62 = Biology/life science	52	22
		63 = Chemistry	17	11
		64 = Physics	16	5
		65 = Earth/space science	33	7
		66 = Other physical science	38	11
		67 = Other natural science	6	1
		Social science		
		70 = Social studies	48	18
		71 = History	52	27
		72 = World civilization	18	7
		73 = Political science/ government	13	3
		74 = Geography	15	3
		75 = Economics	7	2
		76 = Civics	7	0
		77 = Sociology/social organization	6	0
		78 = Other social sciences	8	1
		Visual and performing arts		
		81 = Arts and crafts	59	30
		82 = Filmmaking/ photography	0	1
		83 = Chorus	16	6
		84 = Band	26	2
		85 = Drama/theater/ dance	7	6
		86 = Music	79	25
		87 = Other visual/ performing arts	4	2
		Other areas		
		91 = Driver ed.	5	1
		92 = Health	23	9
		93 = Philosophy/ religion	0	31
		94 = Physical ed.	113	36
		95 = Psychology	3	1
		96 = Other courses		

FIELD NAME	LOCATION	CODES = COMMENTS	PUBLIC SCHOOL	PRIVATE SCHOOL
		not elsewhere classified	31	10
		99 = Not answered	265	87
		bl = Not applicable	2838	1255
TSC187	616 - 617	a. What was the subject matter of each class you taught		
		Business/vocational		
		11 = Accounting/book-keeping	7	3
		12 = Shorthand	3	0
		13 = Typing	30	8
		14 = Other business education courses	17	2
		15 = Career ed.	21	0
		16 = Agriculture	22	2
		17 = Industrial arts	44	5
		18 = Home economics	56	7
		19 = Other vocational, trade, and industrial education	35	4
		English/language arts		
		21 = Literature	70	38
		22 = Composition/journalism/creative writing	46	11
		23 = Reading	66	25
		24 = English as a second language	8	0
		25 = Other English/language arts courses	131	55
		Foreign languages		
		31 = French	16	14
		32 = German	4	4
		33 = Latin	3	4
		34 = Russian	1	0
		35 = Spanish	32	14
		36 = Other foreign language	1	0
		Mathematics		
		41 = General math	104	28
		42 = Business math	5	1
		43 = Algebra, elem. Algebra, intermediate	37	10
		44 =	27	8
		45 = Algebra, advanced	6	6
		46 = Geometry, plane/solid	26	6
		47 = Trigonometry	4	1
		48 = Analytic geometry/math analysis Probability/statistics	7	2

FIELD NAME	LOCATION	CODES = COMMENTS	PUBLIC SCHOOL	PRIVATE SCHOOL
		50 = Calculus	3	1
		51 = Other mathematics	14	2
		Computer science		
		52 = Computer awareness/applications	13	6
		53 = Computer programming	10	7
		54 = Other computer science	3	0
		Natural science		
		61 = General science	57	27
		62 = Biology/life science	58	22
		63 = Chemistry	19	9
		64 = Physics	12	5
		65 = Earth/space science	34	6
		66 = Other physical science	28	5
		67 = Other natural science	3	2
		Social science		
		70 = Social studies	55	14
		71 = History	44	18
		72 = World civilization	21	4
		73 = Political science/government	11	0
		74 = Geography	9	7
		75 = Economics	8	4
		76 = Civics	3	4
		77 = Sociology/social organization	1	1
		78 = Other social sciences	5	4
		Visual and performing arts		
		81 = Arts and crafts	54	26
		82 = Filmmaking/photography	0	0
		83 = Chorus	15	5
		84 = Band	26	1
		85 = Drama/theater/dance	6	3
		86 = Music	72	20
		87 = Other visual/performing arts	6	0
		Other areas		
		91 = Driver ed.	2	0
		92 = Health	23	3
		93 = Philosophy/religion	0	30
		94 = Physical ed.	96	34
		95 = Psychology	1	2
		96 = Other courses		

FIELD NAME	LOCATION		CODES = COMMENTS	PUBLIC SCHOOL	PRIVATE SCHOOL
			not elsewhere classified	41	14
			99 = Not answered	253	93
			bl = Not applicable	2977	1312
TSC194	628 - 629	a.	What was the subject matter of each class you taught		
			Business/vocational		
			11 = Accounting/bookkeeping	5	2
			12 = Shorthand	0	0
			13 = Typing	28	5
			14 = Other business education courses	18	1
			15 = Career ed.	11	0
			16 = Agriculture	24	0
			17 = Industrial arts	37	1
			18 = Home economics	53	6
			19 = Other vocational, trade, and industrial education	29	2
			English/language arts		
			21 = Literature	63	21
			22 = Composition/journalism/creative writing	42	14
			23 = Reading	54	16
			24 = English as a second language	3	0
			25 = Other English/language arts courses	116	42
			Foreign languages		
			31 = French	14	15
			32 = German	5	1
			33 = Latin	1	3
			34 = Russian	2	0
			35 = Spanish	27	10
			36 = Other foreign language	0	0
			Mathematics		
			41 = General math	91	24
			42 = Business math	12	0
			43 = Algebra, elem. Algebra, intermediate	36	6
			45 = Algebra, advanced	8	2
			46 = Geometry, plane/solid	18	4
			47 = Trigonometry	3	2
			48 = Analytic geometry/math analysis Probability/statistics	4	1
			50 = Calculus	4	3

FIELD NAME	LOCATION	CODES = COMMENTS	PUBLIC SCHOOL	PRIVATE SCHOOL
		51 = Other mathematics	17	3
		Computer science		
		52 = Computer awareness/applications	17	7
		53 = Computer programming	7	3
		54 = Other computer science	1	1
		Natural science		
		61 = General science	52	31
		62 = Biology/life science	63	19
		63 = Chemistry	16	11
		64 = Physics	9	3
		65 = Earth/space science	29	13
		66 = Other physical science	25	6
		67 = Other natural science	7	0
		Social science		
		70 = Social studies	45	16
		71 = History	44	20
		72 = World civilization	15	3
		73 = Political science/government	6	2
		74 = Geography	17	2
		75 = Economics	4	0
		76 = Civics	6	2
		77 = Sociology/social organization	1	2
		78 = Other social sciences	7	2
		Visual and performing arts		
		81 = Arts and crafts	51	22
		82 = Filmmaking/photography	1	1
		83 = Chorus	13	4
		84 = Band	21	2
		85 = Drama/theater/dance	9	5
		86 = Music	68	22
		87 = Other visual/performing arts	4	4
		Other areas		
		91 = Driver ed.	3	0
		92 = Health	27	4
		93 = Philosophy/religion	1	24
		94 = Physical ed.	96	41
		95 = Psychology	2	1
		96 = Other courses not elsewhere		

FIELD NAME	LOCATION	CODES = COMMENTS	PUBLIC SCHOOL	PRIVATE SCHOOL
		classified	34	12
		99 = Not answered	251	89
		bl = Not applicable	3116	1386
TSC201	640 - 641	a. What was the subject matter of each class you taught		
		Business/vocational		
		11 = Accounting/bookkeeping	7	2
		12 = Shorthand	1	0
		13 = Typing	27	4
		14 = Other business education courses	10	0
		15 = Career ed.	12	0
		16 = Agriculture	24	2
		17 = Industrial arts	27	1
		18 = Home economics	49	5
		19 = Other vocational, trade, and industrial education	28	3
		English/language arts		
		21 = Literature	56	15
		22 = Composition/journalism/creative writing	34	16
		23 = Reading	49	14
		24 = English as a second language	12	0
		25 = Other English/language arts courses	104	24
		Foreign languages		
		31 = French	13	11
		32 = German	2	2
		33 = Latin	5	3
		34 = Russian	1	1
		35 = Spanish	23	11
		36 = Other foreign language	0	0
		Mathematics		
		41 = General math	72	18
		42 = Business math	4	3
		43 = Algebra, elem. Algebra, intermediate	27	5
		44 =	0	2
		45 = Algebra, advanced	4	3
		46 = Geometry, plane/solid	16	4
		47 = Trigonometry	3	0
		48 = Analytic geometry/math analysis Probability/statistics	0	2
		50 = Calculus	1	0

FIELD NAME	LOCATION	CODES = COMMENTS	PUBLIC SCHOOL	PRIVATE SCHOOL
		51 = Other mathematics	10	0
		Computer science		
		52 = Computer awareness/applications	10	9
		53 = Computer programming	9	0
		54 = Other computer science	3	0
		Natural science		
		61 = General science	34	27
		62 = Biology/life science	51	12
		63 = Chemistry	11	8
		64 = Physics	10	8
		65 = Earth/space science	18	5
		66 = Other physical science	30	4
		67 = Other natural science	3	0
		Social science		
		70 = Social studies	36	9
		71 = History	45	15
		72 = World civilization	13	4
		73 = Political science/ government	7	2
		74 = Geography	13	2
		75 = Economics	6	1
		76 = Civics	4	1
		77 = Sociology/social organization	3	0
		78 = Other social sciences	3	1
		Visual and performing arts		
		81 = Arts and crafts	42	32
		82 = Filmmaking/ photography	0	1
		83 = Chorus	0	4
		84 = Band	25	2
		85 = Drama/theater/ dance	7	1
		86 = Music	59	21
		87 = Other visual/ performing arts	4	2
		Other areas		
		91 = Driver ed.	1	0
		92 = Health	26	5
		93 = Philosophy/ religion	1	20
		94 = Physical ed.	94	34
		95 = Psychology	4	3
		96 = Other courses		

FIELD NAME	LOCATION	CODES = COMMENTS	PUBLIC SCHOOL	PRIVATE SCHOOL
		not elsewhere classified	39	15
		99 = Not answered	232	81
		bl = Not applicable	3318	1471
TSC208	652 - 653	a. What was the subject matter of each class you taught		
		Business/vocational		
		11 = Accounting/bookkeeping	4	3
		12 = Shorthand	0	0
		13 = Typing	15	3
		14 = Other business education courses	7	1
		15 = Career ed.	8	0
		16 = Agriculture	13	1
		17 = Industrial arts	30	0
		18 = Home economics	31	3
		19 = Other vocational, trade, and industrial education	11	4
		English/language arts		
		21 = Literature	31	14
		22 = Composition/journalism/creative writing	21	13
		23 = Reading	45	6
		24 = English as a second language	5	0
		25 = Other English/language arts courses	47	22
		Foreign languages		
		31 = French	8	8
		32 = German	1	4
		33 = Latin	2	3
		34 = Russian	1	0
		35 = Spanish	21	11
		36 = Other foreign language	0	0
		Mathematics		
		41 = General math	43	7
		42 = Business math	3	1
		43 = Algebra, elem. Algebra, intermediate	18	5
		44 =	5	3
		45 = Algebra, advanced	2	3
		46 = Geometry, plane/solid	11	4
		47 = Trigonometry	1	1
		48 = Analytic geometry/math analysis Probability/		

FIELD NAME	LOCATION	CODES = COMMENTS	PUBLIC SCHOOL	PRIVATE SCHOOL
		statistics	1	0
		50 = Calculus	2	1
		51 = Other mathematics	7	0
		Computer science		
		52 = Computer awareness/applications	11	3
		53 = Computer programming	8	1
		54 = Other computer science	0	1
		Natural science		
		61 = General science	16	12
		62 = Biology/life science	23	10
		63 = Chemistry	8	7
		64 = Physics	5	5
		65 = Earth/space science	12	3
		66 = Other physical science	18	3
		67 = Other natural science	3	0
		Social science		
		70 = Social studies	28	9
		71 = History	16	9
		72 = World civilization	6	3
		73 = Political science/ government	4	0
		74 = Geography	10	4
		75 = Economics	2	1
		76 = Civics	2	1
		77 = Sociology/social organization	2	2
		78 = Other social sciences	0	2
		Visual and performing arts		
		81 = Arts and crafts	36	28
		82 = Filmmaking/ photography	0	0
		83 = Chorus	8	5
		84 = Band	21	0
		85 = Drama/theater/ dance	8	4
		86 = Music	49	24
		87 = Other visual/ performing arts	3	1
		Other areas		
		91 = Driver ed.	1	0
		92 = Health	14	5
		93 = Philosophy/ religion	2	16
		94 = Physical ed.	66	32
		95 = Psychology	2	2

FIELD NAME	LOCATION	CODES = COMMENTS	PUBLIC SCHOOL	PRIVATE SCHOOL
		96 = Other courses not elsewhere classified	27	17
		99 = Not answered	220	76
		bl = Not applicable	3787	1544
TSC215	664 - 665	a. What was the subject matter of each class you taught		
		Business/vocational		
		11 = Accounting/book-keeping	1	2
		12 = Shorthand	1	0
		13 = Typing	2	3
		14 = Other business education courses	1	1
		15 = Career ed.	2	0
		16 = Agriculture	2	0
		17 = Industrial arts	6	0
		18 = Home economics	8	2
		19 = Other vocational, trade, and industrial education	4	2
		English/language arts		
		21 = Literature	7	3
		22 = Composition/ journalism/ creative writing	7	6
		23 = Reading	11	1
		24 = English as a second language	1	0
		25 = Other English/ language arts courses	23	6
		Foreign languages		
		31 = French	4	5
		32 = German	0	2
		33 = Latin	0	1
		34 = Russian	0	0
		35 = Spanish	8	7
		36 = Other foreign language	0	0
		Mathematics		
		41 = General math	16	5
		42 = Business math	2	0
		43 = Algebra, elem. Algebra, intermediate	6	1
		44 =	0	2
		45 = Algebra, advanced	2	2
		46 = Geometry, plane/ solid	3	1
		47 = Trigonometry	1	0
		48 = Analytic geometry/ math analysis Probability/		

FIELD NAME	LOCATION	CODES = COMMENTS	PUBLIC SCHOOL	PRIVATE SCHOOL
		statistics	0	0
		50 = Calculus	0	0
		51 = Other mathematics	5	0
		Computer science		
		52 = Computer awareness/applications	3	2
		53 = Computer programming	0	2
		54 = Other computer science	1	1
		Natural science		
		61 = General science	4	3
		62 = Biology/life science	4	4
		63 = Chemistry	1	1
		64 = Physics	4	1
		65 = Earth/space science	1	0
		66 = Other physical science	2	1
		67 = Other natural science	2	2
		Social science		
		70 = Social studies	4	3
		71 = History	3	5
		72 = World civilization	2	0
		73 = Political science/government	0	0
		74 = Geography	1	1
		75 = Economics	0	1
		76 = Civics	1	0
		77 = Sociology/social organization	0	0
		78 = Other social sciences	2	1
		Visual and performing arts		
		81 = Arts and crafts	21	23
		82 = Filmmaking/photography	1	0
		83 = Chorus	1	3
		84 = Band	7	3
		85 = Drama/theater/dance	2	1
		86 = Music	30	11
		87 = Other visual/performing arts	2	1
		Other areas		
		91 = Driver ed.	0	1
		92 = Health	2	5
		93 = Philosophy/religion	1	6
		94 = Physical ed.	37	23
		95 = Psychology	1	0

FIELD NAME	LOCATION	CODES = COMMENTS	PUBLIC SCHOOL	PRIVATE SCHOOL
		96 = Other courses not elsewhere classified	7	4
		99 = Not answered	205	75
		bl = Not applicable	4330	1715
TSC222	676 - 677	a. What was the subject matter of each class you taught		
		Business/vocational		
		11 = Accounting/book-keeping	0	1
		12 = Shorthand	0	0
		13 = Typing	0	0
		14 = Other business education courses	0	0
		15 = Career ed.	0	0
		16 = Agriculture	0	0
		17 = Industrial arts	4	0
		18 = Home economics	5	1
		19 = Other vocational, trade, and industrial education	1	1
		English/language arts		
		21 = Literature	2	0
		22 = Composition/ journalism/ creative writing	0	2
		23 = Reading	7	1
		24 = English as a second language	1	1
		25 = Other English/ language arts courses	5	0
		Foreign languages		
		31 = French	3	1
		32 = German	0	0
		33 = Latin	0	0
		34 = Russian	0	0
		35 = Spanish	4	2
		36 = Other foreign language	0	0
		Mathematics		
		41 = General math	4	1
		42 = Business math	0	0
		43 = Algebra, elem. Algebra, intermediate	2	0
		44 =	0	1
		45 = Algebra, advanced	0	0
		46 = Geometry, plane/ solid	3	0
		47 = Trigonometry	0	0
		48 = Analytic geometry/ math analysis Probability/		

FIELD NAME	LOCATION	CODES = COMMENTS	PUBLIC SCHOOL	PRIVATE SCHOOL
		statistics	1	1
		50 = Calculus	0	0
		51 = Other mathematics	0	0
		Computer science		
		52 = Computer awareness/applications	2	2
		53 = Computer programming	0	1
		54 = Other computer science	1	0
		Natural science		
		61 = General science	2	1
		62 = Biology/life science	3	2
		63 = Chemistry	0	1
		64 = Physics	1	2
		65 = Earth/space science	0	1
		66 = Other physical science	1	0
		67 = Other natural science	1	0
		Social science		
		70 = Social studies	0	1
		71 = History	3	2
		72 = World civilization	0	1
		73 = Political science/ government	0	0
		74 = Geography	1	0
		75 = Economics	0	0
		76 = Civics	0	0
		77 = Sociology/social organization	0	0
		78 = Other social sciences	0	0
		Visual and performing arts		
		81 = Arts and crafts	11	7
		82 = Filmmaking/ photography	0	0
		83 = Chorus	3	3
		84 = Band	7	3
		85 = Drama/theater/ dance	1	2
		86 = Music	17	6
		87 = Other visual/ performing arts	2	1
		Other areas		
		91 = Driver ed.	0	0
		92 = Health	3	2
		93 = Philosophy/ religion	0	2
		94 = Physical ed.	18	10
		95 = Psychology	1	0

FIELD NAME	LOCATION	CODES = COMMENTS	UNWEIGHTED FREQUENCIES PUBLIC SCHOOL	UNWEIGHTED FREQUENCIES PRIVATE SCHOOL
		96 = Other courses not elsewhere classified	4	4
		99 = Not answered	202	74
		bl = Not applicable	4487	1809

APPENDIX 'G'
TSC171, TSC178, TSC185, TSC192, TSC199, TSC206, TSC213, TSC220, TSC227

FIELD NAME	LOCATION	CODES = COMMENTS	PUBLIC SCHOOL	PRIVATE SCHOOL
TSC171	590 - 590	f. What is the achievement level of students in each class you taught, relative to others at this school		
		1 = Primarily higher achieving students	325	170
		2 = Primarily average achieving students	665	287
		3 = Primarily lower achieving students	334	45
		4 = Students of widely differing achievement levels	570	166
		9 = Not answered	257	89
		bl = Not applicable	2661	1194
TSC178	602 - 602	f. What is the achievement level of students in each class you taught, relative to others at this school		
		1 = Primarily higher achieving students	299	144
		2 = Primarily average achieving students	644	270
		3 = Primarily lower achieving students	339	50
		4 = Students of widely differing achievement levels	496	159
		9 = Not answered	255	86
		bl = Not applicable	2779	1242
TSC185	614 - 614	f. What is the achievement level of students in each class you taught, relative to others at this school		
		1 = Primarily higher achieving students	293	122
		2 = Primarily average achieving students	607	265
		3 = Primarily		

FIELD NAME	LOCATION	CODES = COMMENTS	PUBLIC SCHOOL	PRIVATE SCHOOL
		lower achieving students	332	52
		4 = Students of widely differing achievement levels	491	174
		9 = Not answered	251	83
		bl = Not applicable	2838	1255
TSC192	626 - 626	f. What is the achievement level of students in each class you taught, relative to others at this school		
		1 = Primarily higher achieving students	273	116
		2 = Primarily average achieving students	549	238
		3 = Primarily lower achieving students	287	39
		4 = Students of widely differing achievement levels	470	161
		9 = Not answered	256	85
		bl = Not applicable	2977	1312
TSC199	638 - 638	f. What is the achievement level of students in each class you taught, relative to others at this school		
		1 = Primarily higher achieving students	227	92
		2 = Primarily average achieving students	527	203
		3 = Primarily lower achieving students	254	35
		4 = Students of widely differing achievement levels	443	150
		9 = Not answered	245	85
		bl = Not applicable	3116	1386
TSC206	650 - 650	f. What is the achievement level of students in each class you taught, relative to others at this school		
		1 = Primarily higher achieving		

FIELD NAME	LOCATION	CODES = COMMENTS	APPENDIX 'G' UNWEIGHTED FREQUENCIES PUBLIC SCHOOL	PRIVATE SCHOOL
		students	199	86
		2 = Primarily average achieving students	419	178
		3 = Primarily lower achieving students	236	21
		4 = Students of widely differing achievement levels	407	116
		9 = Not answered	233	79
		bl = Not applicable	3318	1471
TSC213	662 - 662	f. What is the achievement level of students in each class you taught, relative to others at this school		
		1 = Primarily higher achieving students	111	72
		2 = Primarily average achieving students	267	137
		3 = Primarily lower achieving students	144	20
		4 = Students of widely differing achievement levels	276	98
		9 = Not answered	227	80
		bl = Not applicable	3787	1544
TSC220	674 - 674	f. What is the achievement level of students in each class you taught, relative to others at this school		
		1 = Primarily higher achieving students	27	27
		2 = Primarily average achieving students	99	65
		3 = Primarily lower achieving students	56	10
		4 = Students of widely differing achievement levels	99	59
		9 = Not answered	201	75
		bl = Not applicable	4330	1715
TSC227	686 - 686	f. What is the achievement level of students in each class you taught,		

FIELD NAME	LOCATION	CODES = COMMENTS	APPENDIX 'G' UNWEIGHTED FREQUENCIES PUBLIC SCHOOL	PRIVATE SCHOOL
		relative to others at this school		
		1 = Primarily higher achieving students	15	15
		2 = Primarily average achieving students	36	29
		3 = Primarily lower achieving students	19	4
		4 = Students of widely differing achievement levels	54	23
		9 = Not answered	201	71
		bl = Not applicable	4487	1809

FIELD NAME	LOCATION	CODES = COMMENTS	UNWEIGHTED FREQUNCIES PUBLIC SCHOOL	PRIVATE SCHOOL

APPENDIX 'H'
TSC172, TSC179, TSC186, TSC193, TSC200, TSC207, TSC214, TSC221, TSC228

FIELD NAME	LOCATION	CODES = COMMENTS	PUBLIC SCHOOL	PRIVATE SCHOOL
TSC172	591 - 591	g. For each class period you taught, was it advanced placement, bilingual, gifted, remedial, or special education		
		1 = Advanced placement (AP) - allows completion of college level credit	58	21
		2 = Bilingual	25	16
		3 = Gifted	44	12
		4 = Remedial	116	17
		5 = Special education	96	25
		6 = None of the above	1457	554
		9 = Not answered	355	112
		bl = Not applicable	2661	1194
TSC179	603 - 603	g. For each class period you taught, was it advanced placement, bilingual, gifted, remedial, or special education		
		1 = Advanced placement (AP) - allows completion of college level credit	47	18
		2 = Bilingual	25	12
		3 = Gifted	50	13
		4 = Remedial	110	16
		5 = Special education	89	26
		6 = None of the above	1382	520
		9 = Not answered	330	104
		bl = Not applicable	2779	1242
TSC186	615 - 615	g. For each class period you taught, was it advanced placement, bilingual, gifted, remedial, or special education		
		1 = Advanced placement (AP) - allows completion of college level credit	40	25
		2 = Bilingual	23	11
		3 = Gifted	48	15
		4 = Remedial	99	19

FIELD NAME	LOCATION	CODES = COMMENTS	UNWEIGHTED FREQUNCIES	
			PUBLIC SCHOOL	PRIVATE SCHOOL
		5 = Special education	91	22
		6 = None of the above	1351	493
		9 = Not answered	322	111
		bl = Not applicable	2838	1255
TSC193	627 - 627	g. For each class period you taught, was it advanced placement, bilingual, gifted, remedial, or special education		
		1 = Advanced placement (AP) - allows completion of college level credit	38	21
		2 = Bilingual	16	10
		3 = Gifted	57	16
		4 = Remedial	90	12
		5 = Special education	78	23
		6 = None of the above	1242	451
		9 = Not answered	314	106
		bl = Not applicable	2977	1312
TSC200	639 - 639	g. For each class period you taught, was it advanced placement, bilingual, gifted, remedial, or special education		
		1 = Advanced placement (AP) - allows completion of college level credit	39	16
		2 = Bilingual	17	9
		3 = Gifted	34	4
		4 = Remedial	85	14
		5 = Special education	69	20
		6 = None of the above	1137	396
*		9 = Not answered		
		bl = Not applicable	3431	1492
TSC207	651 - 651	g. For each class period you taught, was it advanced placement, bilingual, gifted, remedial, or special education		
		1 = Advanced placement (AP) - allows completion of college level		

FIELD NAME	LOCATION	CODES = COMMENTS	UNWEIGHTED FREQUNCIES PUBLIC SCHOOL	PRIVATE SCHOOL
		credit	35	9
		2 = Bilingual	16	8
		3 = Gifted	27	6
		4 = Remedial	67	11
		5 = Special education	64	13
		6 = None of the above	984	336
		9 = Not answered	301	97
		bl = Not applicable	3318	1471
TSC214	663 - 663	g. For each class period you taught, was it advanced placement, bilingual, gifted, remedial, or special education		
		1 = Advanced placement (AP) - allows completion of college level credit	19	4
		2 = Bilingual	10	5
		3 = Gifted	19	7
		4 = Remedial	44	10
		5 = Special education	39	9
		6 = None of the above	622	279
		9 = Not answered	272	93
		bl = Not applicable	3787	1544
TSC221	675 - 675	g. For each class period you taught, was it advanced placement, bilingual, gifted, remedial, or special education		
		1 = Advanced placement (AP) - allows completion of college level credit	4	3
		2 = Bilingual	7	3
		3 = Gifted	8	2
		4 = Remedial	24	3
		5 = Special education	18	5
		6 = None of the above	207	140
		9 = Not answered	214	80
		bl = Not applicable	4330	1715
TSC228	687 - 687	g. For each class period you taught, was it advanced placement, bilingual, gifted, remedial, or special education		
		1 = Advanced placement		

FIELD NAME	LOCATION	CODES = COMMENTS	UNWEIGHTED FREQUNCIES PUBLIC SCHOOL	PRIVATE SCHOOL
		(AP) - allows completion of college level credit	4	0
		2 = Bilingual	3	0
		3 = Gifted	1	1
		4 = Remedial	8	1
		5 = Special education	10	2
		6 = None of the above	96	66
		9 = Not answered	203	72
		bl = Not applicable	4487	1809

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